

Material and name	Fraction recycled material	Source / composition	Supplier	Contact	MF1230°C / 2.16 Density/cm3	Melting temperatureOns	Link to full datasheet	Suitable production methods
PP-1	0 %	100% virgin commonly used PP	Astrup		16.06	0.88	155.1	Injection molding
PP-2	100 %	100% recycled PP bottles collected and sorted by ROAF	Industrivekst Vang	Vegard Dalheim Rogn vrogn@16.38		0.92	153.3	Injection molding
PP-3	100 %	100% recycled blend of multiple recycled fractions	Depauuw/Rodepa - www.de-pauuw-recycling.nl	Marco Kers labo@rodepaplast 17.68		0.95	152.1	Injection molding
PP-10	100 %	100% recycled plastic pipes	NOPREC www.drive.google.com/file/d/13oKI7MX6E Helene Øyangen Lindberg helk 0.37			0.91	151.2	Injection molding
PP-11	97 %	97% recycled PP 3% antioxidant	Rodepa Plastics - www.rodepaplastics.comClariant Mikael Nordeng mikael@re-tur 15.04			0.95	150.6	Injection molding
PP-12	95 %	95% recycled PP 5% additive Infuse 9077	Rodepa Plastics - www.rodepaplastics.comThe Dov Mikael Nordeng mikael@re-tur 15.62			0.95	151.1	Injection molding
PP-13	99.8%	99.8% recycled PP 0.2% additive 71.3% virgin PP	Rodepa Plastics - www.rodepaplastics.comClariant Mikael Nordeng mikael@re-tur 15.3			0.95	149.0	Injection molding
PP-14	23.8%	23.8% recycled Rodepa PP 5% additive 74.85% virgin PP	SABIC - www.sabic.comRodepa Plastics - www.rodepaplastics.comClariant Mikael Nordeng mikael@re-tur 14.8			0.91	153.6	Injection molding
PP-15	24.95%	24.95% recycled Dodepa PP 0.20% additive	SABIC - www.sabic.comRodepa Plastics - www.rodepaplastics.comClariant Mikael Nordeng mikael@re-tur 14.8			0.91	151.2	Injection molding
PP-16	50 %	50% virgin PP 50% recycled PP from pipes	SABIC - www.sabic.comNOPREC - www.matmortuz Mikael Nordeng mikael@re-tur 1.8			0.91	153.4	Injection molding
PE-1	0 %	100% virgin commonly used HDPE	Qatar Chemical Company		0.06	0.93	121.1	Blow molding, injection molding
PE-2	100 %	100% recycled HDPE bottles collected and sorted by ROAF. 75% virgin HDPE	Industrivekst Vang	Vegard Dalheim Rogn vrogn@0.27		0.95	127.5	Blow molding, injection molding
PE-4	25 %	25% recycled HDPE bottles collected and sorted by ROAF 50% virgin HDPE	Qatar Chemical Company Industrivekst Vang	Mikael Nordeng mikael@re-tur 0.72		0.94	119	Blow molding, injection molding
PE-5	50 %	50% recycled HDPE bottles collected and sorted by ROAF 25% virgin HDPE	Qatar Chemical Company Industrivekst Vang	Mikael Nordeng mikael@re-tur 0.10		0.94	119.3	Blow molding, injection molding
PE-6	75 %	75% recycled HDPE bottles collected and sorted by ROAF	Qatar Chemical Company Industrivekst Vang	Mikael Nordeng mikael@re-tur 0.16		0.95	117.8	Blow molding, injection molding
PE-13	100 %	100% HDPE 100 from fish farms	NOPREC https://drive.google.com/file/d/13oKI7MX6E Helene Øyangen Lindberg helk 0.05			0.95	117.8	Extrusion, injection molding, possibly blow molding
PE14	100 %	50% recycled German household bottles 50% recycled cans and drums 50% recycled German household bottles 50% recycled cans and drums Has undergone 7 hours of heat treatment to reduce the odour.	Rodepa Plastics - www.rodepaplastics.com	Marco Kers labo@rodepaplast 0.22		0.96	122.8	Blow molding, injection molding
PE-16	100 %	50% recycled German household bottles 50% recycled cans and drums Has undergone 22 hours of heat treatment to reduce the odour.	Rodepa Plastics - www.rodepaplastics.com	Marco Kers labo@rodepaplast 0.34		0.97	125	Blow molding, injection molding
PE-17	100 %	97% recycled HDPE 3% antioxidant Has undergone 7 hours of heat treatment to reduce the odour.	Rodepa Plastics - www.rodepaplastics.com	Marco Kers labo@rodepaplast 0.27		0.97	123.5	Blow molding, injection molding
PE-18	97 %	97% recycled HDPE 3% antioxidant Has undergone 7 hours of heat treatment to reduce the odour.	Rodepa Plastics - www.rodepaplastics.comClariant Mikael Nordeng mikael@re-tur 0.24			0.97	122.5	Blow molding, injection molding

PE-19	99.5%	99.5% recycled HDPE 0.5% additive Has undergone 7 hours of heat treatment to reduce the odour.	Rodepa Plastics B.V. - www.rodepaplastics.com The Mikael Nordeng mikael@re-tur 0.21	0.96	124.6	https://drive.google.com/a/grontpunkt.no/file/d/19Lkc1G1czns0Fi2qpVKZo1KITGUOdI0v/view?usp=sharing	Blow molding, injection molding	
PA-2	0 %	100% virgin material	DuPont		1.35	250.8	https://drive.google.com/a/grontpunkt.no/file/d/1DeBY-5msr2q5o8xw0iZUimFFih3Dq6lc/view?usp=sharing	Injection molding
PA-3	100 %	100% recycled railway isolators sourced from BaneNord, finely shredded	Biobe - www.biobe.no	Jon Hermansenjon.hermansen@biobe.no+47 94 1.14		256.8	https://drive.google.com/a/grontpunkt.no/file/d/1NuPMwEO7Njt-OH8SmDpeJz1v7a8y4qS6/view?usp=sharing	Injection molding
PA-4	100 %	100% recycled railway isolators sourced from BaneNord, washed and finely shredded	Biobe - www.biobe.no	Jon Hermansenjon.hermansen@biobe.no+47 94 1.14		258.1	https://drive.google.com/a/grontpunkt.no/file/d/1PLB6Us4EKBiU4Uf6IsDxi-kkvdfAYia/view?usp=sharing	Injection molding
PA-5	100 %	100% recycled railway isolators sourced from BaneNord, washed and coarsely shredded	Biobe - www.biobe.no	Jon Hermansenjon.hermansen@biobe.no+47 94 1.14		253.4	https://drive.google.com/a/grontpunkt.no/file/d/1wwwQmGNhDT5im135PIV1YP7kFUkfpnJ/view?usp=sharing	Injection molding
PA-6	100 %	100% recycled railway isolators sourced from BaneNord, finely shredded without any prior washing and then compounded.	Biobe - www.biobe.no	Jon Hermansenjon.hermansen@biobe.no+47 94 1.14		254	https://drive.google.com/a/grontpunkt.no/file/d/1A24i0iit-DC5bUXr3f2vcol6KKHDOCe/view?usp=sharing	Injection molding
PA-7	100 %	100% recycled railway isolators sourced from BaneNord, washed, finely shredded and then compounded.	Biobe - www.biobe.no	Jon Hermansenjon.hermansen@biobe.no+47 94 1.14		259.2	https://drive.google.com/a/grontpunkt.no/file/d/1K78Qap9vHBeMCHMMA5ilwv0v3Gby-elW/view?usp=sharing	Injection molding
PA-11	95 %	95% recycled railway isolators sourced from BaneNord, washed and coarsely shredded 5% antioxidant	Biobe - www.biobe.no	Jon Hermansenjon.hermansen@biobe.no+47 94 1.14		253.4	https://drive.google.com/a/grontpunkt.no/file/d/1Vo66GfotkmMNIHjQek3WclavSomZMtXy/view?usp=sharing	Injection molding
PA-12	99.5%	99.5% recycled railway isolators sourced from BaneNord, washed and coarsely shredded 0.5% additive	Biobe - www.biobe.no	Jon Hermansenjon.hermansen@biobe.no+47 94 1.14		253.4	https://drive.google.com/a/grontpunkt.no/file/d/1oqKiAltdr1OrvTUdfY75UJb2efTZi0BX/view?usp=sharing	Injection molding