

Technical Data Sheet

PCR PP Homo Regranulate Natural

Product Code: 002003

Recycled Content: 100 % PCR (post-consumer)

Product Description:

002003 PCR PP Homo Regranulate Natural comes from post-consumer recycled materials in Asia and is suitable for compounding and extrusion applications. The material is GRS certified.



Physical Property	Value	Units	Test Condition
Density	0.919	g/cm ³	GB/1183 T1033
MFI	2.32	g/10min	230°C, 2.16 kg
Ash Content	0	%	700°C / 2 hours
Heat Deflection Temperature		°C	Stress () MPa
Vicat Softening Point		°C	10N/120CH
Flammability		3.0mm	125*12*3.0
Glow Wire		°C	IEC60695-2-12
Flexural Strength	25.9	MPa	2mm/min
Flexural Modulus	1023.86	MPa	2mm/min
Maximum Force (Flexural)	43.17	N	2mm/min
Tensile Strength	26.68	MPa	20mm/min
Break Force	533.65	N	20mm/min
Maximum Force (Tensile)	1067.3	N	20mm/min
Elongation at Break	527.4	%	20mm/min

Physical Property	Value	Units	Test Condition
Charpy Notched Impact Strength	6.836	KJ/m ²	23°C, 80mm*10mm*4mm

Typical Processing Conditions				
Processing Parameter	Condition	Optimum	Range	Unit
Injection Temperature		195		°C
Injection Pressure		55		MPa

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