

Technical Data Sheet

PCR PP TD20 Recompound Black

Product Code: 011303



Description

PCR PP 011303 is a polypropylene copolymer specially for injection moulding. Typical applications are automotive parts as cases for starter batteries and cable ducts.

Physical Properties	Value	Units	Test Method
Density	1,04	g/cm ³	ISO 1183
MVR (230°C/2,16kg)	10,0-13,0	cm ³ /10 min	ISO 1133
Ash Content	19,0-22,0	%	ISO 3451
Mechanical Properties			
Tensile Stress at Yield 50 mm/min	22,0	MPa	ISO 527
Elongation at Yield 50 mm/min	7,0	%	ISO 527
Elongation at Break 50 mm/min	>10,0	%	ISO 527
Flexural Modulus, 1 mm/min	1700	MPa	ISO 178
Charpy Impact, notched, 23°C	4,0	kJ/m ²	ISO 179 1eA
Hardness Shore D	62,0	-	ISO 868
Thermal Properties			
Heat Aging, 150°C	>200	h	ISO 4577
Softening Temp. Vicat B	73,0	°C	ISO 306
Heat Deflection Temp. HDT A	56,0	°C	ISO 75

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Processing

Drying: 80°C/2-4 h

Injection Temp.: 240-270°C

Tool Temperature: 30-60°C

Disclaimer

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