

Petlon R-Prime N3-00-65-BK

Polycarbonate + ABS

Petlon Polymers Ltd

Message:

100% Recycled PC/ABS, Black Compound for injection moulding applications.

General Information			
Recycled Content	Yes, 100%		
Appearance	Black		
Forms	Granules		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.07	g/cm ³	ISO 1183
Molding Shrinkage	0.40 to 0.70	%	
Water Absorption (Equilibrium, 23°C, 50% RH)	1.8 to 2.0	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	45.0	MPa	ISO 527-2
Tensile Strain (Break)	> 20	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	25	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	No Break		ISO 179/1eU
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0 to 4.0	hr	
Processing (Melt) Temp	250 to 270	°C	
Mold Temperature	80.0	°C	

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Recommended distributors for this material

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