

Petlon R-Prime L3-00-00-BK

Acrylonitrile Styrene Acrylate

Petlon Polymers Ltd

Message:

100% Recycled ASA, Black Compound for injection moulding applications.

Typical Applications: Suited to exterior applications eg radiator grills, mirror housings, etc.

General Information			
Recycled Content	Yes, 100%		
Uses	Automotive Applications		
	Automotive Exterior Trim		
	Housings		
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)	50.0	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	10	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	70	kJ/m ²	ISO 179/1eU
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0 to 4.0	hr	
Processing (Melt) Temp	240 to 280	°C	
Mold Temperature	40.0 to 80.0	°C	

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Recommended distributors for this material

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