

Product Texts

A premium post-consumer recycled acrylonitrile-butadiene-styrene copolymer with UL approved status for applications including electrical and electronic enclosures where a superior surface finish is required.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	8	g/10min	ISO 1133
Temperature	230	°C	-
Load	3.8	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	40	MPa	ISO 527
Flexural modulus, 23°C	2200	MPa	ISO 178
Izod notched impact strength, +23°C	14	kJ/m ²	ISO 180/1A

Other properties	Value	Unit	Test Standard
Density	1050	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.15	%	-
Melt temperature	235 - 245	°C	-
Mold temperature	55 - 75	°C	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.15	%	-
Melt temperature	210 - 240	°C	-

Characteristics**Processing**

Injection Molding, Other Extrusion

Features

Copolymer

Certifications

Recycled Resin Content

Applications

Electrical and Electronical

Regional Availability

North America, Europe, Asia Pacific