

Technical Data Sheet

Alcryn ALR - 2165TRNAT

Melt Processable Rubber

Product Description

Alcryn 2165TRNAT is a Melt Processable Rubber with a Translucent appearance. Used in injection molding and Overmolding applications. Bonds to PC, PC/ABS, ASA, and ABS substrates. Used in Automotive, Cable Jacketing, Gaskets, Seals, Hoses, Tubing, Weatherstripping, and Wire Jacketing applications.

Processing Method	Injection Molding
Attribute	Fast Molding Cycle; High Flow; High Heat Resistance; Noise Damping; Oil Resistant; Ozone Resistant; Recyclable Material; Vibration Damping
Forms	Pellets
Appearance	Translucent
Application	Cable Jacketing; Coating Applications; Fabric Coatings; Flexible Grips; Gaskets; General Purpose; Handles; Hose; Overmolding; Seals; Tubing; Weatherstripping; Wire & Cable

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density	1.40	g/cm ³	ISO 1183
Mechanical			
Tensile Stress at 100%			
(1.90 mm)	3.10	MPa	ISO 37
(1.90 mm)	3.10	MPa	ASTM D412
Tensile Strength at Yield, (1.90 mm)	12.2	MPa	ASTM D412
Tensile Stress at Yield			
(1.90 mm)	12.2	MPa	ISO 37
(125 °C, 1.90 mm)	11.5	MPa	ISO 188
Tensile Strain at Break, (1.90 mm)	570	%	ISO 37
Tensile Elongation at Break, (1.90 mm)	570	%	ASTM D412
Tear Strength, (Die C, 1.90 mm)	46.0	kN/m	ASTM D624
Hardness			
Shore Hardness, (Shore A, 1.90 mm, Compression Molded)	66		ISO 868
Durometer Hardness, (Shore A, 1.90 mm, Compression Molded)	66		ASTM D2240
Additional Information			
Compression Set			
(24 °C, 22 hr, Method B)	34	%	ASTM D395
(100 °C, 22 hr, Method B)	83	%	ASTM D395
(24 °C, 22 hr)	34	%	ISO 815
(100 °C, 22 hr)	83	%	ISO 815