

Technical Data Sheet

Schulatec TEX 35D1 NAT

Ethylene Butyl Acrylate Copolymer

Product Description

Schulatec TEX 35D1 is a polar copolymer consisting of ethylene and butyl acrylate with low crystallinity. It is primarily used for injection applications, but is also suits for extrusion purposes.

Processing Method Extrusion

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (190 °C/2.16 kg)	7.0	g/10 min	ISO 1133
Density	0.924	g/cm ³	ISO 1183
Mechanical			
Tensile Stress	3.5	MPa	ISO 527-2
Tensile Strain at Yield	13	%	ISO 527-2
Tensile Modulus	45	MPa	ISO 527-1
Hardness			
Shore Hardness			
(Shore A)	88		ISO 868
(Shore D)	32		ISO 868
Thermal			
Vicat Softening Temperature, (A (10N), 50 °C/h)	60.0	°C	ISO 306
DSC Melting Point	95	°C	ISO 3146
Flammable			
Burning Rate			
(2.00 mm)	<100	mm/min	ISO 3795
(2.00 mm)	<100	mm/min	FMVSS 302