

Schulatec TEX 35D1

Ethylene Butyl Acrylate Copolymer

LyondellBasell Industries

Engineering Plastics

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.

General

Processing Method • Extrusion

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.924 g/cm ³	0.924 g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 Kg)	7.0 g/10 min	7.0 g/10 min	ISO 1133
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	6530 psi	45.0 MPa	ISO 527-1
Tensile Stress	508 psi	3.50 MPa	ISO 527-2
Tensile Strain (Yield)	13 %	13 %	ISO 527-2
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Shore Hardness			ISO 868
Shore A	88	88	
Shore D	32	32	
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Vicat Softening Temperature	140 °F	60.0 °C	ISO 306/A50
Melting Temperature (DSC)	203 °F	95.0 °C	ISO 3146
Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Burning Rate			
0.0787 In (2.00 Mm)	< 3.9 in/min	< 100 mm/min	ISO 3795
0.0787 In (2.00 Mm)	< 3.9 in/min	< 100 mm/min	FMVSS 302

Additional Information

- 1.) Not for use in food contact applications
- 2.) Not for use in medical or pharmaceutical applications

Notes

These are typical property values not to be construed as specification limits.

