

DuPont Elvaloy® 2615 AC Ethylene and 15% Ethyl Acrylate Copolymer

Category : Polymer , Film , Thermoplastic

Material Notes:

Because of its high flexibility and high filler loading capacity, Elvaloy® 2615 AC is particularly suited for injection molded parts in the automotive and furniture industries. It also offers excellent adhesion properties to various substrates and has very good heat stability, making it suitable in extrusion coating and lamination applications. Elvaloy® 2615 AC has a wide processing latitude in molding and extrusion equipment. It has good flow characteristics and lower melting range than low density polyethylene. Information provided by DuPont.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Elvaloy-2615-AC-Ethylene-and-15-Ethyl-Acrylate-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.930 g/cc	0.0336 lb/in ³	ASTM D792 - ISO 1183
Melt Flow	6.0 g/10 min @Load 2.16 kg, Temperature 190 °C	6.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238 - ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	88	88	ASTM D2240 - ISO 868
Hardness, Shore D	31	31	ASTM D2240 - ISO 868
Tensile Strength at Break	12.0 MPa	1740 psi	500 mm/min; ASTM D638 - ISO 527-2
Elongation at Break	740 %	740 %	500 mm/min; ASTM D638 - ISO 527-2
Tensile Modulus	0.0400 GPa	5.80 ksi	1 mm/min; ASTM D638 - ISO 527-2

Thermal Properties	Metric	English	Comments
Melting Point	97.0 °C	207 °F	By DSC; ASTM D3418 - ISO 3146
Vicat Softening Point	58.0 °C	136 °F	A ₅₀ (10N); ASTM D1525 - ISO 306

Processing Properties	Metric	English	Comments
Rear Barrel Temperature	150 °C	302 °F	Extrusion lamination and extrusion coating
	150 °C	302 °F	Cast film
	150 °C	302 °F	Blown film
Middle Barrel Temperature	160 °C	320 °F	Blown film

Processing Properties	Metric	English	Comments
	220 °C	428 °F	Extrusion lamination
Front Barrel Temperature	170 °C	338 °F	Blown film
	250 °C	482 °F	Cast film
	290 °C	554 °F	Extrusion lamination
Adapter Temperature	180 °C	356 °F	Blown film
	250 °C	482 °F	Cast Film
	290 °C	554 °F	Extrusion lamination
Die Temperature	180 °C	356 °F	Blown film
	250 °C	482 °F	Cast film
	290 °C	554 °F	Extrusion lamination

Descriptive Properties	Value	Comments
EA-Content	15 wt. %	DuPont Method

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China