

Escorene™ Ultra LD 723.28 Molding

Ethylene Vinyl Acetate Copolymer Resin

Product Description

Escorene Ultra LD 723.28 is an 18.5% vinyl acetate copolymer suitable for injection molding and compounding applications.

General

Additive	▪ Antiblock: No	▪ Slip: No	▪ Thermal Stabilizer: Yes
Applications	▪ Compounding	▪ Injection Molding	
	▪ Extrusion Compounds	▪ Molding Compounds	

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.941 g/cm ³	0.941 g/cm ³	ASTM D1505
Melt Index (190°C/2.16 kg)	23 g/10 min	23 g/10 min	ASTM D1238
Vinyl Acetate Content	18.5 wt%	18.5 wt%	ExxonMobil Method
Peak Melting Temperature	181 °F	83 °C	ExxonMobil Method

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	126 °F	52 °C	ASTM D1525

Molded Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength at Break	1200 psi	8.5 MPa	ASTM D638
Elongation at Break	590 %	590 %	ASTM D638
Flexural Modulus - 1% Secant	7100 psi	49 MPa	ASTM D790
Durometer Hardness			ASTM D2240
Shore A, 15 sec	89	89	
Shore D, 15 sec	30	30	

