

Escorene™ Ultra LD 768.MJ Molding

Ethylene Vinyl Acetate Copolymer Resin

Product Description

Escorene Ultra LD 768.MJ is high viscosity, 26.2% VA copolymer suitable for making very soft, blow molded or extruded articles with very good low temperature toughness. It can also be used as a polymer modifier to make specialty compounds.

General

Additive	▪ Thermal Stabilizer: Yes		
Applications	▪ Blow Molding	▪ Compounding	▪ Viscosity Modifier
Revision Date	▪ 03/01/2010		

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.951 g/cm ³	0.951 g/cm ³	ExxonMobil Method
Melt Index (190°C/2.16 kg)	2.3 g/10 min	2.3 g/10 min	ASTM D1238
Vinyl Acetate Content	26.2 wt%	26.2 wt%	ExxonMobil Method
Peak Melting Temperature	167 °F	75 °C	ExxonMobil Method

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	120 °F	49 °C	ASTM D1525

Molded Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength at Break	1400 psi	9.4 MPa	ASTM D638
Elongation at Break	> 800 %	> 800 %	ASTM D638
Flexural Modulus - 1% Secant	4500 psi	31 MPa	ASTM D790
Durometer Hardness			ASTM D2240
Shore A, 15 sec	75	75	
Shore D, 15 sec	28	28	

Impact	Typical Value (English)	Typical Value (SI)	Test Based On
Instrumented Dart Impact			ASTM D3763
-40°F (-40°C)	23 ft·lb	31 J	
73°F (23°C)	16 ft·lb	22 J	

