

Escorene™ Ultra LD 727.22

Ethylene Vinyl Acetate Copolymer Resin

Product Description

Escorene Ultra LD727.22 is a high vinyl acetate copolymer with a low melting temperature and excellent strength properties and toughness.

General

Availability ¹	▪ Asia Pacific	▪ North America
Additive	▪ Processing Aid: No	▪ Thermal Stabilizer: Yes
Applications	▪ Compounding	▪ Molding Compounds ▪ Profile Extrusion
Form(s)	▪ Pellets	
Revision Date	▪ 05/01/2010	

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Melt Index (190°C/2.16 kg)	3.8 g/10 min	3.8 g/10 min	ASTM D1238
Vinyl Acetate Content	18.0 wt%	18.0 wt%	ExxonMobil Method
Peak Melting Temperature	185 °F	85 °C	ExxonMobil Method

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	138 °F	59 °C	ASTM D1525

Molded Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength at Break	1400 psi	9.7 MPa	ASTM D638
Elongation at Break	1500 %	1500 %	ASTM D638
Flexural Modulus - 1% Secant	7700 psi	53 MPa	ASTM D790
Durometer Hardness			ASTM D2240
Shore A, 15 sec	92	92	
Shore D, 15 sec	34	34	

