

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

Additive	▪ Processing Aid: No	▪ Thermal Stabilizer: Yes	
Applications	▪ Compounding	▪ Molding Compounds	▪ Profile Extrusion
Form(s)	▪ Pellets		

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.940 g/cm ³	0.940 g/cm ³	ASTM D1505
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	1600 psi	11 MPa	ASTM D638
Elongation at Break	650 %	650 %	ASTM D638
Flexural Modulus - 1% Secant	7900 psi	55 MPa	ASTM D790
Durometer Hardness			ASTM D2240
Shore A, 15 sec	90	90	
Shore D, 15 sec	33	33	

