

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	

Legal Statement

Contact your ExxonMobil Chemical Customer Service Representative for potential food contact application compliance (e.g. FDA, EU, HPFB).

This product is not intended for use in medical applications and should not be used in any such applications.

Processing Statement

The test specimens were prepared using ASTM D4703, Procedure C.

Notes

Typical properties: these are not to be construed as specifications.

¹ Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete Country Availability.