ExxonMobil

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		

Legal Statement

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

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.

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