

# Escorene™ Ultra LD 723.28 Molding

## Ethylene Vinyl Acetate Copolymer Resin

### Product Description

Escorene Ultra LD 723.28 is an 18.5% vinyl acetate copolymer suitable for injection molding and compounding applications.

### General

Availability <sup>1</sup>	▪ Asia Pacific	▪ Latin America	▪ North America
Additive	▪ Antiblock: No	▪ Slip: No	▪ Thermal Stabilizer: Yes
Applications	▪ Compounding ▪ Extrusion Compounds	▪ Injection Molding ▪ Molding Compounds	
Revision Date	▪ 03/01/2010		

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.940 g/cm <sup>3</sup>	0.940 g/cm <sup>3</sup>	ExxonMobil Method
Melt Index (190°C/2.16 kg)	23 g/10 min	23 g/10 min	ASTM D1238
Vinyl Acetate Content	18.5 wt%	18.5 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	131 °F	55 °C	ASTM D1525

Molded Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength at Yield	660 psi	4.6 MPa	ASTM D638
Tensile Strength at Break	1100 psi	7.4 MPa	ASTM D638
Elongation at Yield	150 %	150 %	ASTM D638
Elongation at Break	> 800 %	> 800 %	ASTM D638
Flexural Modulus - 1% Secant	7500 psi	52 MPa	ASTM D790
Durometer Hardness			ASTM D2240
Shore A, 15 sec	75	75	
Shore D, 15 sec	32	32	

Impact	Typical Value (English)	Typical Value (SI)	Test Based On
Instrumented Dart Impact			ASTM D3763
-40°F (-40°C)	18 ft-lb	24 J	
73°F (23°C)	10 ft-lb	14 J	

### 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.

<sup>1</sup> 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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