

Escorene™ Ultra LD 730.09 Molding

Ethylene Vinyl Acetate Copolymer Resin

ExxonMobil Chemical

Message:

Escorene Ultra LD 730.09 is a copolymer containing high vinyl acetate content, with low melting point, excellent strength characteristics and toughness.

General Information			
Additive	heat stabilizer		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.70	g/10 min	ASTM D1238
Vinyl Acetate Content	17.2	wt%	ExxonMobil Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw A, 15 seconds	77		ASTM D2240
Shaw D, 15 seconds	34		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	13.4	MPa	ASTM D638
Tensile Elongation (Break)	640	%	ASTM D638
Flexural Modulus - 1% Secant	55.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Instrumented Dart Impact			ASTM D3763
-40°C	31.2	J	ASTM D3763
23°C	20.3	J	ASTM D3763
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	67.0	°C	ASTM D1525
Legal statement			

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