

Escorene™ Ultra LD 706.15 Molding

Ethylene Vinyl Acetate Copolymer Resin

ExxonMobil Chemical

Message:

LD 706.15 is a copolymer resin containing 14.9% (mass fraction) vinyl acetate designed for special molding, extrusion and granulation applications.

General Information			
Additive	heat stabilizer		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	8.5	g/10 min	ASTM D1238
Vinyl Acetate Content	14.9	wt%	ExxonMobil Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw A, 15 seconds	79		ASTM D2240
Shaw D, 15 seconds	33		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	5.31	MPa	ASTM D638
Fracture	9.10	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	130	%	ASTM D638
Fracture	> 800	%	ASTM D638
Flexural Modulus - 1% Secant	59.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Instrumented Dart Impact			ASTM D3763
-40°C	27.1	J	ASTM D3763
23°C	14.9	J	ASTM D3763
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	61.0	°C	ASTM D1525
Legal statement			

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