

Escorene™ Ultra LD 768.MJ Molding

Ethylene Vinyl Acetate Copolymer Resin

ExxonMobil Chemical

Message:

Escorene Ultra LD 768.MJ is a high viscosity copolymer containing 26.2% vinyl acetate, which is suitable for making soft blow molded or extruded articles with excellent low temperature toughness. It can also be used as polymer modifier for manufacturing special compound granulation.

General Information			
Additive	heat stabilizer		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.3	g/10 min	ASTM D1238
Vinyl Acetate Content	26.2	wt%	ExxonMobil Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw A, 15 seconds	75		ASTM D2240
Shaw D, 15 seconds	28		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	9.45	MPa	ASTM D638
Tensile Elongation (Break)	> 800	%	ASTM D638
Flexural Modulus - 1% Secant	31.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Instrumented Dart Impact			ASTM D3763
-40°C	31.2	J	ASTM D3763
23°C	21.7	J	ASTM D3763
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	49.0	°C	ASTM D1525
Legal statement			

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