

Exceed™ 3527PA

Metallocene Polyethylene Resin
ExxonMobil Chemical

Message:

Edge 3527PA is a metallocene ethylene-ethane copolymer. The film made of Echd 3527PA has high modulus and excellent tensile properties, impact resistance and puncture resistance. These excellent properties, together with good stretchability, make it a universal polymer suitable for single-layer and multi-layer cast stretched films.

General Information			
Additive	heat stabilizer		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.5	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	186	MPa	ASTM D882
1% secant, TD	205	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	10.2	MPa	ASTM D882
TD: Yield	9.58	MPa	ASTM D882
MD: Fracture	61.2	MPa	ASTM D882
TD: Fracture	40.9	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	530	%	ASTM D882
TD: Fracture	750	%	ASTM D882
Dart Drop Impact	60	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	70	g	ASTM D1922
TD	400	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	87		ASTM D2457
Haze	2.8	%	ASTM D1003
Legal statement			

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