

ExxonMobil® LL 6201XR

Product Description: LL 6201 series are high flow LLDPE grades, which offer unique combination of excellent processability and outstanding product properties. Parts manufactured from LL 6201 Have good gloss and offer advantages in toughness, environmental stress crack resistance, stiffness and heat distortion resistance over comparable low density polyethylene items. Availability: Africa & Middle East, Asia Pacific and Europe

Physical Properties	Metric	English	Comments
Density	0.926 g/cc	0.0335 lb/in³	ExxonMobil method
ESCR 10% Igepal®	6.0 hour	6.0 hour	ASTM D1693B
Melt Flow	50 g/10 min @Load 2.16 kg, Temperature 190 °C	50 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	10.3 MPa	1500 psi	ASTM D638
Elongation at Break	100 %	100 %	ASTM D638
Elongation at Yield	20 %	20 %	ASTM D638
Flexural Modulus, 1% Secant	283 MPa	41000 psi	ASTM D790
Izod Impact, Notched (ISO)	42.0 kJ/m²	20.0 ft-lb/in²	ISO 180/1A

Thermal Properties	Metric	English	Comments
Melting Point	<= 123 °C	<= 253 °F	Peak Melting Point; ExxonMobil method