

Luran® S 777ME

Acrylonitrile Styrene Acrylate
Styrolution

Message:

Luran S 777ME is a high flow, high gloss extrusion grade with enhanced strength properties. The superior gloss is maintained after thermoforming

General Information	
Features	High Flow
	High Gloss
	High Strength
Uses	Profiles
	Sheet
Forms	Pellets
Processing Method	Extrusion
	Profile Extrusion
	Sheet Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.07	g/cm ³	ASTM D792
Melt Volume-Flow Rate (MVR) (220°C/10.0 kg)	8.50	cm ³ /10min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	46.2	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	27	%	ASTM D638
Flexural Modulus	2160	MPa	ASTM D790
Flexural Strength	68.9	MPa	ASTM D790
Films	Nominal Value	Unit	Test Method
Elastic Modulus - MD	2160	MPa	ASTM D882
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-40°C	16	J/m	
23°C	130	J/m	
Instrumented Dart Impact (Total Energy)	31.6	J	ASTM D3763
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	97.8	°C	
1.8 MPa, Unannealed	88.9	°C	
Vicat Softening Temperature	97.8	°C	ISO 306/A50

Optical	Nominal Value	Test Method
Gardner Gloss (60°)	95	ASTM D523

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

