



TECHNICAL DATA SHEET

Multiuse Leostomer LE-3190N-US

(Olefin-based Thermoplastic Elastomer)

General Characteristics

Description : LE-3190N-US is a Thermoplastic Elastomer compound.

Feature : Ease of Extrusion processing.

Application : General purpose Injection.

Available Color(s) : Black and Natural

Technical Information

PHYSICAL	Typical Value ¹	Unit	
Form		Pellet	
Specific Gravity (± 0.03)	0.95		ISO 1183
Hardness (Shore 'A', ± 5 , 15 sec)	90		ISO 868
MECHANICAL			
Tensile Strength	22.0 MPa		ISO 37
100% Modulus	4.6 MPa		ISO 37
Ultimate Elongation	700 %		ISO 37
Tear Strength	67 N/mm		ISO 34-1
Elasticity			
Compression set after 22 hours at 70 °C (158°F)	45 %		ISO 815
Thermal			
Brittleness	Less than -60 °C (-76°F)		ISO 974
Aging			
Retention in Tensile Stress (50°C (122°F), 24 hr, in IRM 902 Oil)	89 %		ISO 1817
Volume Swell(50°C, (122°F) 24 hr, in IRM 902 Oil)	9 %		ISO 1817
MELT FLOW			
MFR 230°C (446°F) 2,160g	1.0 g/10 min		ISO 1133
PROCESSING			
Method		Extrusion	
Recommended Melt Temperature		200 °C (392 °F)	
REGULATORY			
N/A			



¹ Typical Values: These are not construed as specifications.

² Type 1A tensile bars. Speed of testing: 500mm/min

IMPORTANT: These suggestions and data are based on information we believe to be reliable. They are offered in good faith without guarantee or warranty, as conditions and methods of use of our products are beyond our control. We strongly urge that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale. User assumes all risks and liabilities in connection with use of this product.

product.