



TECHNICAL DATA SHEET

Multiuse Leostomer LE-3155N-US

(Olefin-based Thermoplastic Elastomer)

General Characteristics

Description : LE-3155N-US is a Thermoplastic Elastomer compound.**Feature :** Ease of Extrusion processing.**Application :** General purpose Extrusion, Coextrusion.**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.)	55	ISO 868
MECHANICAL		
Tensile Strength	14.0 MPa	ISO 37
100% Modulus	1.8 MPa	ISO 37
Ultimate Elongation	960 %	ISO 37
Thermal		
Brittleness	Less than -60°C (-76°F)	ISO 974
MELT FLOW		
MFR 230°C (446°F) 2,160g	1.6 g/10 min	ISO 1133
PROCESSING		
Extrusion		
Feed zone Temperature	320 to 356 $^{\circ}\text{F}$	160 to 180 $^{\circ}\text{C}$
Compression zone Temperature	338 to 374 $^{\circ}\text{F}$	170 to 190 $^{\circ}\text{C}$
Metering zone Temperature	356 to 410 $^{\circ}\text{F}$	180 to 210 $^{\circ}\text{C}$
Die Temperature	356 to 428 $^{\circ}\text{F}$	180 to 220 $^{\circ}\text{C}$
Melt Temperature	356 to 428 $^{\circ}\text{F}$	180 to 220 $^{\circ}\text{C}$
Screen mesh	Recommend 40 or more	

REGULATORY

N/A

¹ Typical Values: These are not construed as specifications.² Type 1A tensile bars. Speed of testing: 500mm/min

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