



Phone: (517) 295-4196 Fax: (517) 295-4918

Technical Data Sheet
LCA® TPR 101-64A
EPDM/PP Thermoplastic

Typical Compound Properties	Value / Measure		Test Methods
Physical Properties	English Units (ISO)	Metric Units	
Density	0.96 g/cm ³	0.96 g/cm ³	ASTM D-792
Hardness	64A Shore A	64A Shore A	ASTM D-2240
Linear Mold Shrinkage	in/in	0 mm/mm	ASTM D-955
Mechanical Properties			
Izod Impact - Notched	ft-lb/in (kJ/m ²)	0 J/m	ASTM D-256
Tensile Strength @ Yield	960 psi (Mpa)	7 MPa	ASTM D-412
Tensile Elongation @ Break	330 %	330 %	ASTM D-412
Thermal Properties			

All tests are performed on dry as molded ASTM (ISO) test bars.

General Product Type Information

The property values listed above have been obtained using laboratory controlled test methods. They are offered without guarantee since conditions under which the product is used are beyond our control. Therefore, Uniplus, Inc. disclaims any liability for loss or damage incurred in connection with the use of this product.

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Typical Processing Conditions		
Process Variable	Description	Values

Temperatures		F	C
Barrel	Rear	370 - 380	
	Center	380 - 390	
	Front	380 - 390	
	Nozzle	400 - 410	
	Mold	50 - 175	

Drying	
Type	Dehumidifier
Temperature	175°F
Time	3 - 4 Hours
Max. % Moisture	0.08

Special Requirements

Optimum processing conditions will depend on such factors as machine size, screw design, part dimension, mold design, runner and gate design, and material residence time. These recommendations are intended only as a guide to achieve stable processing and good part quality.

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