

Nicor Inc. Read-Rite Lids

Specification for Read Rite Lids

Product Characteristics-Read Rite lids feature an impact resistant, low temperature, very stiff, specially formulated Polyolefin resin with excellent RF transparency characteristics, UV resistance and light weight.

Read Rite lids have been tested independently to the H20 highway proof load rating of 25,000lbs over a 9" x 9" steel plate for 1 minute.

Typical Properties	Method	Value	Unit
Physical			
Density-Specific Gravity(Method B)	ASTM D 792	0.902sp gr	at 23°C
Melt Flow rate (230°C/2.16kg)	ASTM D 1238	4.00 g/10 min.	
Mechanical			
Tensile Strength@yield 2 in/min 50 mm/min	ASTM D 638	3100 PSI 21.4 Mpa	
Flexural Modulus 0.05 in/min, 1% secant, Procedure A 1mm/min, 1% secant, Procedure A	ASTM D 790	140,000 PSI 965MPa	
Tensile Elongation	ASTM D 638		8%
Impact			
Notched Izod Impact (73°F, Method A) (23°C, Method A)	ASTM D 256	No Break ft-lb/in No Break j/m	
Hardness			
Rockwell hardness(R Scale)	ASTM D 785		65
Thermal			
DTUL @66 PSI Unannealed	ASTM	81.1°C	
Other Properties			
Drop Weight Impact Strength	Bosell Test	method -29 C: > 45 ft-lbs	

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