

Acrylic Capping Polymer Lucite® TufCoat® 4400

PROPERTY	TEST METHOD	UNITS	VALUE
THERMAL			
Melt Flow Rate (230°C / 3.8Kg)	ASTM D1238	g/10min	1.4
HDTUL (264 psi)	ASTM D648	°F	167
Vicat Softening Temperature (rate A)	ASTM D1525	°F	194
MECHANICAL			
Tensile Strength	ASTM D638	psi	6,730
Tensile Modulus	ASTM D638	psi	369,000
Elongation	ASTM D638	%	13
Flexural Strength	ASTM D790	psi	13,280
Flexural Modulus	ASTM D790	psi	318,400
Izod Impact Strength	ASTM D256	ft-lb/in of notch	1.6
GENERAL			
Specific Gravity	ASTM D792	g/cc	1.15
Rockwell Hardness	ASTM D785	M Scale	70

The above data represents typical results obtained using standard test pieces; it should not form the basis of specifications.

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Users of Lucite TufCoat Acrylic polymer should consult the relevant Material Safety Data Sheet.

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