



EPIMAX HIGH HEAT, HIGH FLOW, UV RESISTANT PC-944FHV TYPICAL PROPERTIES

PROPERTY	ASTM METHOD	VALUE ¹
Izod Impact	D-256	14 ft-lbs/in
Tensile Strength	D-638	9,500 psi
Tensile Modulus	D-638	340,000 psi
Flexural Strength	D-790	14,500 psi
Flexural Modulus	D-790	350,000 psi
Rockwell Hardness	D-785	118 R
Specific Gravity	D-792	1.2
HDTUL Unannealed (264 psi)	D-648	259 °F
Mold Shrinkage	D-955	0.005-0.007 in/in
Melt Flow Index	D-1238 (300°C/1.2kg)	22 g/10 min
Flammability	UL-94 ²	V-2 (1.5 mm) V-2 (3.0 mm)
RTI (3.0 mm)	UL-746B ²	Elec 120 °C
Mech Imp		110 °C
Mech Str		120 °C
Weatherability	UL-746 ^{2,3}	f1

¹Typical values are an average of NATURAL color samples tested and based on common ASTM procedures. This data is presented as a guide and does not reflect product specifications for particular properties.

²UL recognized (File #E123498)

³Suitable for outdoor use with respect to exposure to ultraviolet light, water exposure and immersion in accordance with UL-746C.

PC

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