

450Y**Heat resistant / Heat resistance**

Properties	Test Method	Test Condition	Units	450Y
Tensile Strength	ASTM-D638	23 °C/ 50%RH	MPa kg/cm ²	43 440
Tensile Elongation at Break		23 °C/ 50%RH	%	20
Flexural Strength	ASTM-D790	23 °C/ 50%RH	MPa kg/cm ²	69 700
Flexural Modulus		23 °C/ 50%RH	MPa kg/cm ²	2,160 22,000
Izod Impact Strength	ASTM-D256	23 °C 12.7mm V-notched	J/m kg•cm/cm	186 19
		23 °C 3.2mm V-notched		– –
Distortion Temperature Under Load	ASTM-D648	6.4mm 1.82MPa	°C	100
Rockwell Hardness	ASTM-D785	23 °C/ 50%RH	R-SCALE	111
Melt Flow Rate	ISO-1133	220 °C/98N	g/10min	3.2
Specific Gravity	ASTM-D792	23 °C/ 50%RH	–	1.07
Ball Pressure Temperature			°C	–
Flammability	UL94 File No. E41797			HB equivalent
Mold Shrinkage			%	0.4–0.7

Note ; These values are typical data for this product under specific test conditions and not intended for use as limiting specifications.

