

Property	Test Condition	Test Method ISO	Units	Abrasion resistant, High sliding	
				High sliding	
				532-X02	
				>ABS<	
<b>Physical property</b>					
Density	23°C	ISO1183	kg/m <sup>3</sup>		1050
Specific Gravity		ASTM D792	-		1.05
<b>Mechanical property</b>					
Tensile strength	23°C	ISO527-1,2	MPa		55
Tensile strength		ASTM D638	MPa		48
Tensile elongation at Break		ASTM D638	%		10
Elongation at Break	23°C	ISO527-1,2	%		6
Flexural Strength	23°C	ISO178	MPa		79
Flexural Strength		ASTM D790	MPa		69
Flexural Modulus	23°C/50% RH	ISO 178	MPa		2690
Flexural Modulus		ASTM D790	MPa		2550
Rockwell Hardness	23°C	ISO2039-2	R Scale		115
Rockwell Hardness	23°C/50% RH	ASTM D785	Rスケール		115
Charpy Impact Strength (V-notched)	23°C	ISO179	kJ/m <sup>2</sup>		12
Izod Impact Strength (V-notched)	23°C 12.7mm	ASTM D256	J/m		118
<b>Heat property</b>					
Heat Deflection Temp High Load	1.80MPa	ISO75-1,2	°C		83
Heat Deflection Temp(Unannealed)High Load	6.4mm/1.82MPa	ASTM D648	°C		88
Flammability		UL94	rank/thickness mmt		HB
<b>Molding property</b>					
Mold shrinkage	23°C/50% RH	Toray Method	%		0.4-0.6
Melt Flow Rate	220°C/98N	ISO 1133	g/10min		22

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

COPYRIGHT © TORAY INDUSTRIES,INC

