

Property	Test Condition	Test Method ISO	Units	Abrasion resistant, High sliding	
				High sliding	
				530-X01	
				>ABS<	
Physical property					
Density	23°C	ISO1183	kg/m ³		1050
Specific Gravity		ASTM D792	-		1.05
Mechanical property					
Tensile strength	23°C	ISO527-1,2	MPa		52
Tensile strength		ASTM D638	MPa		47
Tensile elongation at Break		ASTM D638	%		10
Elongation at Break	23°C	ISO527-1,2	%		6
Flexural Strength	23°C	ISO178	MPa		81
Flexural Strength		ASTM D790	MPa		75
Flexural Modulus	23°C/50% RH	ISO 178	MPa		2660
Flexural Modulus		ASTM D790	MPa		2530
Rockwell Hardness	23°C	ISO2039-2	R Scale		116
Rockwell Hardness	23°C/50% RH	ASTM D785	Rスケール		116
Charpy Impact Strength (V-notched)	23°C	ISO179	kJ/m ²		14
Izod Impact Strength (V-notched)	23°C 12.7mm	ASTM D256	J/m		137
Heat property					
Heat Deflection Temp High Load	1.80MPa	ISO75-1,2	°C		82
Heat Deflection Temp(Unannealed)High Load	6.4mm/1.82MPa	ASTM D648	°C		87
Flammability		UL94	rank/thickness mmt		HB
Molding property					
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

