

Nylon-MXD6

PAMXD6

Mitsubishi Gas Chemical Co., Inc.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	4700	MPa	ASTM D 638
Tensile Strength	99	MPa	ASTM D 638
Flexural Modulus	4400	MPa	ASTM D 790
Flexural Strength	160	MPa	ASTM D 790
Rockwell Hardness	M 108	-	ASTM D 785
Izod Impact notched, 1/8 in	20	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Melting Temperature	237	°C	ASTM D 3418
Glass Transition Temperature	85	°C	ASTM E 1356

Other properties	Value	Unit	Test Standard
Water Absorption, Equilibrium	5.8	%	ASTM D 570
Density	1220	kg/m ³	ASTM D 792

Characteristics**Certifications**

Food contact, Food approval FDA 21 CFR

Regional Availability

North America, Europe, Asia Pacific