

SUNYLON® NP4000

PA6

Formosa Chemicals & Fibre Corp.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	8	g/10min	ASTM D 1238
Temperature	235	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.0145	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	68.7	MPa	ASTM D 638
Flexural Modulus	2158	MPa	ASTM D 790
Flexural Strength	92.2	MPa	ASTM D 790
Izod Impact notched, 1/8 in	49	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	58	°C	ASTM D 648
Melting Temperature	220	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Density	1200	kg/m ³	ASTM D 792
Moisture Content	0.1	%	-

Characteristics**Special Characteristics**

High impact or impact modified

Features

Tribologic Grade

Chemical Resistance

General Chemical Resistance, Oil Resistance

Certifications

RoHS compliant

Regional Availability

Asia Pacific