

TRIMID® N66100

PA66

Amco Polymers

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	65.5	MPa	ASTM D 638
Elongation at Break	20	%	ASTM D 638
Flexural Modulus	2241	MPa	ASTM D 790
Izod Impact notched, 1/8 in	43.2	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	71.1	°C	ASTM D 648
Melting Temperature	221	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Density	1130	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	71.1	°C	-
Pre-drying - Time	4	h	-
Melt temperature	271 - 293	°C	-
Mold temperature	26.7 - 93.3	°C	-
Zone 1	254	°C	-
Zone 2	268	°C	-
Zone 3	285	°C	-
Nozzle temperature	266 - 282	°C	-
Screw speed	30 - 60	rpm	-
Injection pressure	68.9	MPa	-
Back pressure	0.0689 - 0.689	MPa	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa