

TRIMID® N60G30L

PA6-GF30

Amco Polymers

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	138	MPa	ASTM D 638
Elongation at Break	3	%	ASTM D 638
Flexural Modulus	6895	MPa	ASTM D 790
Izod Impact notched, 1/8 in	80.1	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	204	°C	ASTM D 648
Melting Temperature	216	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Density	1370	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	82.2	°C	-
Pre-drying - Time	3 - 4	h	-
Melt temperature	232 - 271	°C	-
Mold temperature	21.1 - 93.3	°C	-
Zone 1	216	°C	-
Zone 2	227 - 254	°C	-
Zone 3	238 - 266	°C	-
Nozzle temperature	238 - 266	°C	-
Screw speed	40 - 80	rpm	-
Injection pressure	82.7 - 172	MPa	-
Back pressure	0 - 0.345	MPa	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Additives

Lubricants

Regional Availability

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