

TRIMID® N61G30HL

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

Special Characteristics

Heat stabilized or stable to heat

Certifications

Recycled Resin Content

Regional Availability

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