

Product Texts

NORYL GTX™ 202 resin is a non-reinforced alloy of Polyphenylene Ether (PPE) + Polyamide (PA). This injection moldable grade exhibits excellent chemical resistance and excellent paintability.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	59	MPa	ASTM D 638
Tensile Strength at Break	56	MPa	ASTM D 638
Elongation at Yield	9	%	ASTM D 638
Elongation at Break	52	%	ASTM D 638
Rockwell Hardness	R 118	-	ASTM D 785
Taber Abrasion Resistance	19	mg/1000 cycles	ASTM D 1044
Izod Impact notched, 1/8 in	272	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	53	J/m	ASTM D 256
Temperature	-40	°C	-
Izod Impact unnotched, 1/8 in	3200	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Vicat Temperature	232	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	1080	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	95 - 105	°C	-
Pre-drying - Time	3 - 4	h	-
Processing humidity	≤0.07	%	-
Melt temperature	275 - 300	°C	-
Mold temperature	65 - 95	°C	-
Zone 1	260 - 300	°C	-
Zone 2	265 - 300	°C	-
Zone 3	270 - 300	°C	-
Screw speed	20 - 100	rpm	-
Back pressure	0.3 - 1.4	MPa	-

Characteristics

Processing
Injection Molding

Regional Availability
Asia Pacific

Applications
Automotive