

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.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	1.03	mm/mm	ASTM D 955
Mold Shrinkage, TD	1.12	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	2173	MPa	ASTM D 638
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
Flexural Modulus	2120	MPa	ASTM D 790
Rockwell Hardness	R 118	-	ASTM D 785
Taber Abrasion Resistance	19	mg/1000 cycles	ASTM D 1044
Izod Impact notched, 1/8 in	167	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	N	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Vicat Temperature	167	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.2	%	ASTM D 570
Density	1080	kg/m ³	ASTM D 792

Characteristics

Processing

Injection Molding

Regional Availability

North America

Applications

Automotive