

NORYL GTX™ RESIN GTX6009

REGION ASIA

DESCRIPTION

PA6 based unfilled GTX

TYPICAL PROPERTY VALUES

Revision 20180906

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, yield	55	MPa	SABIC - Japan Method
Tensile Strain, break	180 – 180	%	SABIC - Japan Method
Flexural Stress	84	MPa	ASTM D 790
Flexural Modulus	2150	MPa	ASTM D 790
Hardness, Rockwell R	110	-	ASTM D 785
IMPACT			
Izod Impact, notched, 23°C	725	J/m	ASTM D 256
THERMAL			
HDT, 0.45 MPa, 3.2 mm, unannealed	160	°C	ASTM D 648
CTE, -30°C to 30°C	0.00007 – 0.00008	1/°C	TMA
PHYSICAL			
Specific Gravity	1.12	-	ASTM D 792
Water Absorption, 24 hours	0.5	%	ASTM D 570
Mold Shrinkage, flow, 3.2 mm	1.2 – 1.3	%	SABIC method

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