

NORYL™ RESIN CN5258

REGION ASIA

DESCRIPTION

40% filled FR high modulus PPE/PS blend

TYPICAL PROPERTY VALUES

Revision 20181012

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, yield	119	MPa	SABIC - Japan Method
Tensile Strain, break	5 – 5	%	SABIC - Japan Method
Flexural Stress	158	MPa	ASTM D 790
Flexural Modulus	10000	MPa	ASTM D 790
IMPACT			
Izod Impact, notched, 23°C	68	J/m	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 6.4 mm, unannealed	125	°C	ASTM D 648
CTE, -30°C to 30°C	0.000021 – 0.000033	1/°C	TMA
PHYSICAL			
Specific Gravity	1.42	-	ASTM D 792
Water Absorption, 24 hours	0.06	%	ASTM D 570
Mold Shrinkage, flow, 3.2 mm	0.15 – 0.25	%	SABIC method

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