

# NORYL™ RESIN TPN9221

REGION ASIA

## DESCRIPTION

Transparent NORYL grade with 90dc and V-2 FR

## TYPICAL PROPERTY VALUES

Revision 20180905

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
<b>MECHANICAL</b>			
Tensile Stress, yield	66	MPa	SABIC - Japan Method
Tensile Strain, break	15 – 15	%	SABIC - Japan Method
Flexural Stress	73	MPa	ASTM D 790
Flexural Modulus	2200	MPa	ASTM D 790
<b>IMPACT</b>			
Izod Impact, notched, 23°C	49	J/m	ASTM D 256
<b>THERMAL</b>			
HDT, 1.82 MPa, 6.4 mm, unannealed	90	°C	ASTM D 648
CTE, -30°C to 30°C	0.00007 – 0.00007	1/°C	TMA
<b>PHYSICAL</b>			
Specific Gravity	1.08	-	ASTM D 792
Water Absorption, 24 hours	0.07	%	ASTM D 570
Mold Shrinkage, flow, 3.2 mm	0.5 – 0.7	%	SABIC method
<b>FLAME CHARACTERISTICS</b>			
UL Recognized, 94V-2 Flame Class Rating	1.5	mm	UL 94

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