

NORYL™ Resin PKN4752 - Americas

(PPE+PS)

Saudi Basic Industries Corporation (SABIC)

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	3000	MPa	ASTM D 638
Tensile Strength at Yield	86	MPa	ASTM D 638
Tensile Strength at Break	73	MPa	ASTM D 638
Elongation at Yield	6	%	ASTM D 638
Elongation at Break	15	%	ASTM D 638
Flexural Modulus	3150	MPa	ASTM D 790
Izod Impact notched, 1/8 in	32	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	160	°C	ASTM D 648
DTUL @ 264 psi	151	°C	ASTM D 648
Vicat Temperature	173	°C	ASTM D 1525

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

Characteristics**Processing**

Profile Extrusion, Sheet Extrusion

Regional Availability

North America

Certifications

Food contact, Food approval FDA 21 CFR