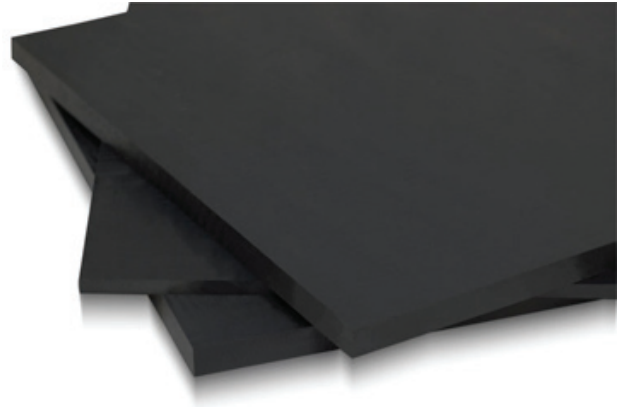


Noryl®

PPO+PS

Thermoplastic resin



Available in Sheet & Rod

Noryl Overview

Noryl is a strong thermoplastic with outstanding strength, stiffness, mechanical, thermal, and electrical properties. Low moisture absorption and low thermal expansion make Noryl one of the most dimensionally stable thermoplastics available. It is widely used for electrical housings and structural components since it has excellent insulating properties, flame resistance, and dimensional stability over a wide range of service temperatures, and is often selected for fluid handling applications since it has low moisture absorption and excellent strength and stiffness. Noryl is easily machined, fabricated, painted and glued.

Noryl Applications

- Manifolds
- Pump, valve, and fitting applications
- Brackets
- Structural components
- Internal appliance components
- Scientific and analytical instrument components
- Electrical housings
- Covers
- Electrical components

Noryl Features

- Excellent dimensional stability
- Low moisture absorption
- Wide range of service temperatures
- Good impact resistance
- High dielectric strength
- Easy to fabricate, paint, and glue
- Excellent flammability rating

Noryl Specifications

Friction Coefficient	0.39
Tensile Strength	8300 - 9600 PSI
Flexural Strength	12900 - 13500 PSI
Shear Strength	8300 PSI
Impact Strength, Notched Izod	2.9 - 5 Ft-lbs/Inch
Hardness (Rockwell & Burrell)	M92, R119
Deflection Temperature (264 PSI)	260 - 265F
Specific Gravity	1.08
Melting Point	310F
Elongation	23% - 30%

*Specs accurate at 73°F

Noryl is a registered trademark of SABIC Innovative Plastics Holding BV.

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