

## Solvay Specialty Polymers Amodel® AP-9240 NL Polyphthalamide (PPA) Resin, 40% Mineral Filled, at 50% RH (disc

Category : Polymer , Thermoplastic , Polyphthalamide (PPA) , Polyphthalamide (PPA), Mineral Filled

### Material Notes:

AMODEL AP-9240 NL resin is a 40% mineral-filled, impact-modified polyphthalamide (PPA). It was designed to provide a smooth molded surface suitable for many decorative applications. This resin offers excellent dimensional stability and chemical resistance, good mechanical properties and low warpage, and moisture absorption. This material is readily injection molded using conventional equipment and methods. Information provided by Solvay Advanced Polymers

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Solvay-Specialty-Polymers-Amodel-AP-9240-NL-Polyphthalamide-PPA-Resin-40-Mineral-Filled-at-50-RH-nbspdisc.php](http://www.lookpolymers.com/polymer_Solvay-Specialty-Polymers-Amodel-AP-9240-NL-Polyphthalamide-PPA-Resin-40-Mineral-Filled-at-50-RH-nbspdisc.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.49 g/cc	1.49 g/cc	ASTM D792
Moisture Absorption at Equilibrium	0.20 %	0.20 %	24 hours; ASTM D570

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	71.0 MPa	10300 psi	ASTM D638
Elongation at Yield	2.5 %	2.5 %	ASTM D638
Tensile Modulus	5.80 GPa	841 ksi	ASTM D638
Flexural Strength	135 MPa	19600 psi	ASTM D790
Flexural Modulus	5.50 GPa	798 ksi	ASTM D790
Shear Strength	69.0 MPa	10000 psi	ASTM D732
Izod Impact, Notched	0.650 J/cm	1.22 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	313 °C	595 °F	ASTM D3418

## Contact Songhan Plastic Technology Co.,Ltd.

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