

# NOON-00

POLYPROPYLENE IMPACT COPOLYMER

## TECHNICAL DATASHEET

### Product Description

NOON-00 is a high impact polypropylene grade specially designed for non-pressure structured wall pipe. It offers a superior balance of stiffness and impact strength and is ideal for other extrusion applications requiring high melt strength.

### Typical Properties<sup>1</sup>

Property	English Units	SI Units	ASTM Method
<b>Resin Properties</b>			
Density		0.910 g/cc	D792
Melt Flow Rate (230°C/2.16 kg)		0.35 g/10 min	D1238
<b>Injection Molded Specimen Test</b>			
Tensile Strength @ Yield	4,900 psi	34 MPa	D638
Flexural Modulus, 1% Secant Method	260,000 psi	1,790 MPa	D790A
Notched Izod Impact Strength @ 23°C @ -20°C	No Break 1.6 ft-lb <sub>i</sub> /in	No Break 85 J/m	D256
Hardness, Rockwell R	98	98	D785
Vicat Softening Point	320 °F	160 °C	D1525
Deflection Temperature @ 66 psi (455 kPa) @ 264 psi (1,820 kPa)	240 °F 140 °F	116 °C 60 °C	D648

<sup>1</sup>Typical property values will vary and are not to be used as specification limits.