

## Cresset Powers Cress-Alon™ NE6040-ST 4% Nano Clay Loaded, 6.0 r.v. Super Tough Grade Nylon 6, 50% RH

Category : Polymer , Thermoplastic , Nylon , Nylon 6

### Material Notes:

Surpasses super tough neat resins in strength, heat resistance, and hardness. Information provided by Cresset Powers Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Cresset-Powers-Cress-Alon-NE6040-ST-4-Nano-Clay-Loaded-60-rv-Super-Tough-Grade-Nylon-6-50-RH.php](http://www.lookpolymers.com/polymer_Cresset-Powers-Cress-Alon-NE6040-ST-4-Nano-Clay-Loaded-60-rv-Super-Tough-Grade-Nylon-6-50-RH.php)

Physical Properties	Metric	English	Comments
Density	1.064 g/cc	0.03844 lb/in <sup>3</sup>	ASTM D792
Viscosity Measurement	6.0	6.0	Relative Viscosity

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	45.0 MPa	6530 psi	ASTM D638
Elongation at Break	182 %	182 %	ASTM D638
Izod Impact, Notched	10.94 J/cm	20.50 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	220 °C	428 °F	ASTM DSC
Deflection Temperature at 1.8 MPa (264 psi)	80.0 °C	176 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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