

## DSM Stanyl® TW275F6 (COND) Nylon 46 30% Glass Reinforced, Heat Stabilized, Molydisulfide Lubricated (North America)

Category : Polymer , Thermoplastic , Nylon , Nylon 46 , Nylon 46, Lubricated + Glass Fiber Reinforced

### Material Notes:

Information provided by DSM Engineering Plastics.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_DSM-Stanyl-TW275F6-COND-Nylon-46-30-Glass-Reinforced-Heat-Stabilized-Molydisulfide-Lubricated-North-America.php](http://www.lookpolymers.com/polymer_DSM-Stanyl-TW275F6-COND-Nylon-46-30-Glass-Reinforced-Heat-Stabilized-Molydisulfide-Lubricated-North-America.php)

Physical Properties	Metric	English	Comments
Density	1.43 g/cc	0.0517 lb/in <sup>3</sup>	(DAM); ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	115 MPa	16700 psi	ISO 527-1/-2
Elongation at Break	7.0 %	7.0 %	ISO 527-1/-2
Tensile Modulus	6.00 GPa	870 ksi	ISO 527-1/-2
Flexural Modulus	6.00 GPa	870 ksi	ISO 178
Izod Impact, Notched (ISO)	15.0 kJ/m <sup>2</sup>	7.14 ft-lb/in <sup>2</sup>	ISO 180/1A
	8.00 kJ/m <sup>2</sup>	3.81 ft-lb/in <sup>2</sup>	ISO 180/1A
	@Temperature -40.0 °C	@Temperature -40.0 °F	

Thermal Properties	Metric	English	Comments
Melting Point	295 °C	563 °F	(DAM); ISO 11357-1/-3

## Contact Songhan Plastic Technology Co.,Ltd.

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