

## BASF Procom® D 1195 Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

**Material Notes:**

Data was collected by ISO methods and provided by BASF.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_BASF-Procom-D-1195-Polypropylene.php](http://www.lookpolymers.com/polymer_BASF-Procom-D-1195-Polypropylene.php)

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in <sup>3</sup>	
Linear Mold Shrinkage, Flow	0.0080 cm/cm	0.0080 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	20.0 MPa	2900 psi	
Elongation at Break	25 %	25 %	
Tensile Modulus	1.90 GPa	276 ksi	
Charpy Impact Unnotched	NB	NB	
	6.00 J/cm <sup>2</sup>	28.6 ft-lb/in <sup>2</sup>	
	@Temperature -30.0 °C	@Temperature -22.0 °F	

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	40.0 µm/m-°C	22.2 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Deflection Temperature at 0.46 MPa (66 psi)	104 °C	219 °F	
Deflection Temperature at 1.8 MPa (264 psi)	59.0 °C	138 °F	
Vicat Softening Point	56.0 °C	133 °F	

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