

## 3M Dyneon™ PFA 6502 TAZ Perfluoroalkoxy Fluorothermoplastic Granules

Category : Polymer , Thermoplastic , Fluoropolymer , PFA

**Material Notes:**

3M™ Dyneon™ PFA 6502TAZ is a fluorothermoplastic resin for compression molding applications. PFA 6502TAZ has a wide processing window with excellent color stability when longer residence times or higher temperatures are required. This agglomerate form can also be used for compounding.

**Features and Benefits:** Excellent thermal stability Broad processing window Improved mold release Good stress crack resistance Smooth surfaces Good transparency

**Process targets:** compression molding and blending

Information provided by Dyneon, A 3M Company

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-Dyneon-PFA-6502-TAZ-Perfluoroalkoxy-Fluorothermoplastic-Granules.php](http://www.lookpolymers.com/polymer_3M-Dyneon-PFA-6502-TAZ-Perfluoroalkoxy-Fluorothermoplastic-Granules.php)

Physical Properties	Metric	English	Comments
Specific Gravity	2.15 g/cc	2.15 g/cc	ASTM D792
Bulk Density	0.850 g/cc	0.0307 lb/in <sup>3</sup>	DIN 53466
Loss On Ignition	>= 95 %	>= 95 %	ASTM D2863
Melt Index of Compound	2.0 g/10 min @Load 5.00 kg, Temperature 372 °C	2.0 g/10 min @Load 11.0 lb, Temperature 702 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	60	60	ASTM D2240
Tensile Strength at Break	30.0 MPa	4350 psi	ASTM D638
Elongation at Break	380 %	380 %	ASTM D638
Flexural Modulus	0.550 GPa	79.8 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Melting Point	308 °C	586 °F	ASTM D4591

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