

## S&E Specialty Polymers TufGuard M™ GPP1001VOM-HCO-15 PP, Flame Retardant

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Flame Retardant

**Material Notes:**

Application: UL-94 V0 Flame Retardant/Impact Resistant Polypropylene Information provided by S&E Specialty Polymers

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SE-Specialty-Polymers-TufGuard-M-GPP1001VOM-HCO-15-PP-Flame-Retardant.php](http://www.lookpolymers.com/polymer_SE-Specialty-Polymers-TufGuard-M-GPP1001VOM-HCO-15-PP-Flame-Retardant.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.980 - 1.02 g/cc	0.980 - 1.02 g/cc	ASTM D792
Melt Flow	13.0 - 17.0 g/10 min	13.0 - 17.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	>= 22.8 MPa	>= 3300 psi	ASTM D638
Elongation at Break	>= 60.0 %	>= 60.0 %	Ultimate; ASTM D638
Flexural Modulus	1.21 GPa	175 ksi	tangent; ASTM D790
Izod Impact, Notched	>= 1.60 J/cm	>= 3.00 ft-lb/in	ASTM D256
Falling Dart Impact	>= 20.3 J	>= 15.0 ft-lb	ASTM D5420

Thermal Properties	Metric	English	Comments
Flammability, UL94	V-0	V-0	
	@Thickness 3.17 mm	@Thickness 0.125 in	
Oxygen Index	>= 28.0 %	>= 28.0 %	ASTM D2863

### Contact Songhan Plastic Technology Co.,Ltd.

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