

**Samsung Cheil Industries Starex<sup>®</sup> VH-0800 ABS, Unreinforced FR**

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Unreinforced, Flame Retardant

**Material Notes:**

Flame-retardant ABS with excellent weather resistance that is used in the exterior of OA devices such as monitors, printers, fax machines, duplicators etc. Information provided by Samsung Cheil Industries.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Samsung-Cheil-Industries-Starex-VH-0800-ABS-Unreinforced-FR.php](http://www.lookpolymers.com/polymer_Samsung-Cheil-Industries-Starex-VH-0800-ABS-Unreinforced-FR.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.17 g/cc	1.17 g/cc	ASTM D792
Melt Flow	5.4 g/10 min	5.4 g/10 min	ASTM D1238
	@Load 5.00 kg, Temperature 200 Å°C	@Load 11.0 lb, Temperature 392 Å°F	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	107	107	ASTM D785
Tensile Strength, Yield	41.2 MPa	5970 psi	5 mm/min; ASTM D638
Flexural Strength	60.8 MPa	8820 psi	2.8 mm/min; ASTM D638
Flexural Modulus	2.16 GPa	313 ksi	2.8 mm/min; ASTM D638
Izod Impact, Notched	1.96 J/cm	3.67 ft-lb/in	ASTM D256
	@Thickness 6.35 mm	@Thickness 0.250 in	

Thermal Properties	Metric	English	Comments
Vicat Softening Point	86.0 Å°C	187 Å°F	B/50; ISO R306
Flammability, UL94	V-0	V-0	
	@Thickness 1.50 - 6.00 mm	@Thickness 0.0591 - 0.236 in	

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