

Bayblend® FR3020 W

Polycarbonate + ABS

Covestro - Polycarbonates

Message:

Rubber modified PC blend; 5% mineral filled; flame-retardant; Vicat/B 120 temperature = 102°C; UL 94 V-0 (0.6mm); low smoke density

General Information			
Filler / Reinforcement	Mineral,5.0% Filler by Weight		
Additive	Flame Retardant		
Features	Flame Retardant		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Melt Volume-Flow Rate (MVR) (260°C/5.0 kg)	22.0	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	3200	MPa	ISO 527-2/1
Tensile Stress			ISO 527-2/50
Yield, 23°C	65.0	MPa	
Break, 23°C	51.0	MPa	
Tensile Strain			ISO 527-2/50
Yield, 23°C	4.0	%	
Break, 23°C	> 50	%	
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/A
-30°C	11	kJ/m²	
23°C	24	kJ/m²	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	102	°C	ISO 306/B120
Flammability	Nominal Value		Test Method
Flame Rating (0.600 mm)	V-0		UL 94
Fill Analysis	Nominal Value	Unit	Test Method
Melt Viscosity ¹ (260°C)	295	Pa·s	ISO 11443-A
ISO Shortname	PC-I-TD5 FR(40)		
NOTE			
1.	1000/s		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

