

OP - ABS ABS 25CCF

Acrylonitrile Butadiene Styrene

Oxford Polymers

Message:

OP - ABS ABS 25CCF is an Acrylonitrile Butadiene Styrene (ABS) material filled with 25% carbon fiber. It is available in North America for injection molding. Important attributes of OP - ABS ABS 25CCF are:

- Flame Rated
- Conductive

General Information			
Filler / Reinforcement	Carbon Fiber,25% Filler by Weight		
Features	Conductive		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.10 to 0.20	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	117	MPa	
Break	117	MPa	
Flexural Modulus	11400	MPa	ASTM D790
Flexural Strength	145	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (4°C)	64	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed, 3.18 mm	96.1	°C	
1.8 MPa, Unannealed, 3.18 mm	87.8	°C	
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.59 mm	V-0		
3.18 mm	5VA		
Injection	Nominal Value	Unit	
Drying Temperature	71.1 to 82.2	°C	
Drying Time	3.0 to 4.0	hr	
Rear Temperature	188 to 210	°C	
Middle Temperature	204 to 227	°C	
Front Temperature	216 to 238	°C	
Processing (Melt) Temp	218 to 249	°C	
Mold Temperature	48.9 to 71.1	°C	

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

