

VYTEEN PC/ABS 8515XF

Polycarbonate + ABS

Lavergne Group

Message:

Vyteen PC/ABS 8515XF is an enhanced PC/ABS alloy with balanced impact/stiffness properties designed for injection molding applications

- Features
- High resilience
 - Excellent processability
 - High Deflection Temperature
 - Hydrolytic stability
 - MSDB 195 type "E" compliance
- Typical Applications
- Automotive IP
 - Electronics
 - Electrical components

General Information			
Features	Rigid, good Impact resistance, good Workability, good Hydrolysis stability Elastic		
Uses	Electrical/Electronic Applications Electrical components Application in Automobile Field Car dashboard		
Appearance	Black		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.16	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	18	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	0.50 - 0.70	%	ASTM D955
Transverse flow	0.50 - 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	55.0	MPa	ASTM D638
Tensile Elongation ² (Break)	60	%	ASTM D638
Flexural Modulus ³	2500	MPa	ASTM D790
Flexural Strength ⁴	100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	550	J/m	ASTM D256

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	120	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	105	°C	
Drying Time	2.0 - 4.0	hr	
Suggested Max Moisture	0.020	%	
Rear Temperature	220 - 240	°C	
Middle Temperature	250 - 260	°C	
Front Temperature	260 - 270	°C	
Nozzle Temperature	275 - 280	°C	
Processing (Melt) Temp	265 - 275	°C	
Mold Temperature	60.0 - 90.0	°C	
Injection Rate	Moderate-Fast		
Screw Speed	60 - 90	rpm	
Injection instructions			
Injection Pressure: MediumBack Pressure: Medium			
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	1.3 mm/min		
4.	1.3 mm/min		

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



WECHAT