

ESTADIENE 0425 GFS

Acrylonitrile Butadiene Styrene

Cossa Polimeri S.r.l.

Message:

ESTADIENE 0425 GFS is an Acrylonitrile Butadiene Styrene (ABS) product filled with 13% glass fiber. It is available in Europe. Applications of ESTADIENE 0425 GFS include engineering/industrial parts and sporting goods.

Characteristics include:

- Flame Rated
- Heat Resistant

General Information			
Filler / Reinforcement	Glass Fiber,13% Filler by Weight		
Features	General Purpose		
	High Heat Resistance		
Uses	Engineering Parts		
	Sporting Goods		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	4.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.40 to 0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	28.0	MPa	
Break	26.0	MPa	
Tensile Elongation (Break)	2.0	%	ASTM D638
Flexural Modulus	2600	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
0°C	150	J/m	
23°C	180	J/m	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	107	°C	ASTM D1525 ¹
--	98.0	°C	ASTM D1525 ²
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.60 mm	HB		
3.20 mm	HB		


Glow Wire Ignition Temperature (2.00 mm)	650	°C	IEC 60695-2-13
NOTE			
1.	Rate A (50°C/h), Loading 1 (10 N)		
2.	Rate A (50°C/h), Loading 2 (50 N)		

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