

Edgetek™ ET3200-0040 RS Black

Polycarbonate
PolyOne Corporation

Message:

Edgetek™ ET3200-0040 RS Black is a Polycarbonate (PC) product filled with glass fiber. It is available in North America.
Characteristics include:
Flame Rated
Flame Retardant

General Information			
Filler / Reinforcement	Glass Fiber		
Features	Flame Retardant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.52	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/2.16 kg)	28	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.10 to 0.20	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	133	MPa	ASTM D638
Tensile Elongation ² (Break)	4.5	%	ASTM D638
Flexural Modulus	9690	MPa	ASTM D790
Flexural Strength	219	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 6.35 mm, Injection Molded)	130	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed, 3.18 mm)	136	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating			Internal Method
1.59 mm	V-1		
3.18 mm	V-0		
NOTE			
1.	Type I, 5.1 mm/min		
2.	Type I, 5.1 mm/min		

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Recommended distributors for this material

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