

Maxxam™ X MX5200-8028 RS BK001

Polypropylene
PolyOne Corporation

Message:
Glass fiber reinforced Polypropylene compound with good stiffness, UV resistance and high impact strength

General Information			
Features	Impact resistance, high		
	Good UV resistance		
	Fill		
Appearance	Black		
Processing Method	Blow molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.995	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress ¹ (Yield, 23°C, 4.00 mm, Injection Molded)	45.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C, 4.00 mm, Injection Molded)	12	%	ISO 527-2/50
Flexural Modulus ² (23°C, 4.00 mm, Injection Molded)	2800	MPa	ISO 178
Flexural Stress ³ (23°C, 4.00 mm, Injection Molded)	65.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	21	kJ/m ²	ISO 180/A
Injection	Nominal Value	Unit	
Drying Temperature	80.0 - 85.0	°C	
Drying Time	4.0 - 6.0	hr	
Processing (Melt) Temp	200 - 240	°C	
Mold Temperature	30.0 - 60.0	°C	
Injection instructions			
Injection Pressure: MED-HIGHHold Pressure: MED-HIGHScrew Speed: MODERATEBack Pressure: LOW			
NOTE			
1.	50 mm/min		
2.	2.0 mm/min		
3.	2.0 mm/min		

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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

