

FORMULA P ELAN 6220 M2 Z

Polypropylene
Putsch Kunststoffe GmbH

Message:
Polypropylene, with 20% mineral reinforcement, with an excellent relationship between the materials stiffness and its impact resistance. In special colours and UV-stable colours.

General Information			
Filler / Reinforcement	Mineral filler, 20% filler by weight		
Features	Rigid, good		
	Impact resistance, good		
Appearance	Available colors		
Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ISO 1133
Molding Shrinkage	1.0 - 1.2	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	18.0	MPa	ISO 527-2
Fracture	18.0	MPa	ISO 527-2
Tensile Strain (Break)	50	%	ISO 527-2
Flexural Modulus	1800	MPa	ISO 178
Flexural Stress (3.5% Strain)	45.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180
-20°C	3.0	kJ/m ²	ISO 180
23°C	15	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	65.0	°C	ISO 306/B
Additional Information			
Tensile Strength, ISO 527: 18 MPa			
Injection	Nominal Value	Unit	
Processing (Melt) Temp	245 - 255	°C	
Mold Temperature	30.0 - 60.0	°C	

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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

