

PETOPLEN BC 050

Polypropylene Random Copolymer

PETKIM Petrokimya Holding A.S.

Message:

Application: PPRC pipe and fittings, sheet production (for thermoforming), blow molding

General Information			
Features	Random Copolymer		
Uses	Fittings		
	Piping		
	Sheet		
Forms	Pellets		
Processing Method	Blow Molding		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.20 to 0.50	g/10 min	ASTM D1238
Contamination - 100g	< 10	pcs	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	22.6	MPa	
Break	43.1	MPa	
Tensile Elongation (Break)	> 500	%	ASTM D638
Flexural Modulus	800	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	200	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	130	°C	ASTM D1525
Melting Temperature ¹	147	°C	ASTM D3418
NOTE			
1.	DSC		

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