

# Franprene TGA 2345LMO

Thermoplastic Elastomer

Franplast S.r.l.

Message:

Ideal for the production large-scale retail plastic mats. Quick moulding cycles, good flatness and excellent toughness.

Application:

Bath Mat

General Information			
Features	Fast Molding Cycle		
	Good Toughness		
Uses	Household Goods		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	110	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	45		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	3.00	MPa	ISO 527-2
Nominal Tensile Strain at Break	530	%	ISO 527-2
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	16	kN/m	ISO 34-1
Thermal	Nominal Value	Unit	
Service Temperature	-30 to 60	°C	
Injection	Nominal Value	Unit	
Drying Time	0.0	hr	
Rear Temperature	140 to 160	°C	
Middle Temperature	145 to 165	°C	
Front Temperature	145 to 165	°C	
Nozzle Temperature	150 to 170	°C	
Mold Temperature	30.0 to 40.0	°C	

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