

Toraypef® 15020 AP51

Polyolefin

Toray Resin Company

Message:

Toraypef® 15020 AP51 is a Polyolefin product. It can be processed by foam processing or injection molding and is available in Asia Pacific, Europe, or North America. Typical application: Foam. Primary characteristic: heat resistant.

General Information	
Features	High Heat Resistance
Uses	Foam
Forms	Pellets
Processing Method	Foam Processing Injection Molding

Physical	Nominal Value	Unit
Specific Gravity ¹	0.0670	g/cm ³
Shrinkage ²		
MD : 120°C	-1.3	%
TD : 120°C	-0.90	%
Thickness	2.00	mm
Compressive Hardness - 25%	0.175	MPa
Elongation		
MD	230	%
TD	210	%
Gel Fraction	55	%
Thermoforming Ratio - H/D	0.570	

Elastomers	Nominal Value	Unit
Tensile Strength		
Across Flow : Yield	1.47	MPa
Flow : Yield	1.89	MPa
Tear Strength		
Across Flow	9.60	kN/m
Flow	7.60	kN/m

NOTE	
1.	Foamed
2.	60 min

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