



Bunzl Australasia
Limited

Head Office
34-48 Cosgrove Road
Enfield NSW 2136
Locked Bag 3011
Burwood NSW 2134
Australia
Tel: +61 2 9737 2100

New Zealand
Unit D, 373 Neilson
Street, ONEHUNGA,
AUCKLAND NZ
Tel: 0011 64 9 634 9013
www.bunzl.com.au

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SPECIFICATION SHEET

Product Code: POLP04
Product Description: POLYFOAM 4MM 1.2X100M

CLASSIFICATION	ITEMS	UNIT	P.E. FOAM	REMARKS
CELL STRUCTURE	DENSITY	G / cm ³	0.025 0.040	
	CELL SIZE	MM	0.26 - 0.33	
	CROSSED CELL RATOP	%		
PHYSICAL PROPERTIES	TENSILE STRENGTH	Kg / cm ²	2.2 - 3.4	
	ELONGATION	%	130 - 140	
	COMPRESSION 10%	Kg / cm ²	0.030	
	COMPRESSION 20%	Kg / cm ²	0.197	
	COMPRESSION	Kg / cm ²	0.787	
	PERMANENT COMPRESSION SET	%	6.5	
	REPEATED COMPRESSION SET	%	5.0	
	TEARING STRENGTH	Kg / cm ²	2.2 - 2.4	
	COMPRESSION STRENGTH	Kg / cm ²	0.52 - 1.6	
THERMAL PROPERTIES	RESILIENCY	%	30-35	
	HEAT DISTORTION TEMPERATURE	°C	-70 - 80	
	THERMAL CONDUCTIVITY	Kcal / m H°C	0.027- 0.040	
	HEAT SHRINKAGE	%	-2.3 - 0.4	
	COEFFICIENT OF LINEAR EXPANSION	1/°C	17X10 ⁻⁵	
	COMBUSTIBILITY			
	COMBUSTION RATE	Cm / min	5.4 - 10.0	
WATER RESISTANCE PROPERTIES	INSULATION			
	WATER ABSORPTION	Mg / cm ²	0.03	
	WATER VAPOR TRANSMISSION RATE	G / m ² hr	0.01	
	MOISTURE TRANSMISSION RATE	G / m ²	4062	
	PHENOMENON	24hr		
ELECTRIC CHARACTER	WATER RESISTANCE			
	MOISTURE RESISTANCE			
	DIELECTRIC CONSTANT	(1khz)	1.05 - 1.58	Antistatic item
	VOLUME RESISTIVITY	/cm	10	
	DIELECTRIC STRENGTH	Kt / mm	4.6	
	DISSIPATION FACTOR	Tanδ (1khz)	0.0001	
OTHER PROPERTIES				
	BUOYANCY	G/l	-----	
	RECYCLABILITY	100%		No 4 LDPE
	CLARITY	%	45	

Julie Butcher
Julie Butcher – Quality Assurance Manager

Disclaimer:

The information provided is based on the product's manufacturer and a copy of manufacturer's declaration is held on file. We have every reason to believe that the information provided is accurate and will be valid until revoked.

