

DEFENDA STRIP FLEX - PRODUCT DATA SPECIFICATION SHEET

Dimensions: 510mm x 100mm (485mm x 100mm excluding tabs)

No of cones per strip: 72 - two alternating heights of 30mm and 25mm

Appx. Weight: 160g

Material: 97% Polypropylene, 2% Masterbatch colour, 1% UV stabilizer (Southern Europe level - can be modified as special order to suit other areas)

Multiple fixing options: screws and metal bands

Colours: Black, green, brown and grey. RAL colours available subject to availability, requirement and MOQ

Recyclable at end of useful life

Patented and Registered Design: GB Patent No: 2 573 39

Place of design and manufacture: England

Rohs Compliant to Directive 2011/65/EU (if applicable)

Reach Compliant to regulation (EC) No 1907/2006



Defenda Strip®

Polypropylene block copolymer for injection molding
 Good balance of stiffness and impact strength
 Complies with FDA Regulations 21 CFR 177.1520 for food contact

 LG Chem

M1500

Properties	Method	Condition	Unit	M1500
Physical				
MFI	ASTM D1238	230°C, 2.16kg load	g/10min	16
Density	ASTM D1505	Density-Gradient	g/cm ³	0.9
Mechanical				
Tensile Strength at yield point(kgf/ cm ²)	ASTM D638	50mm/min	kgf/cm ²	250
Elongation at Break Point Flexural	ASTM D638	50mm/min	%	<300
Modulus(kgf/ cm ²) Izod Impact	ASTM D790	Press sheet, 1% Secant	kgf/cm ²	12000
Strength(kgf· cm / cm) Izod Impact	ASTM D256	23°C, Notched	kgf·cm/cm	11
Strength(kgf· cm / cm) Rockwell	ASTM D256	-20°C, Notched	kgf·cm/cm	4
Hardness(R-Scale)	ASTM D785	R-Scale		90
Thermal				
Vicat Softening Temperature	ASTM D1525	A50	°C	150
Heat Deflection Temperature	ASTM D648	4.6kgf/cm ²	°C	105

Note

The properties data in this table are typical values, and not guaranteed specification.
 Typical resin property values are measured on a standard injection molded specimens.

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