

PROLASER PP EDGING

Technical Data Guide

General Information

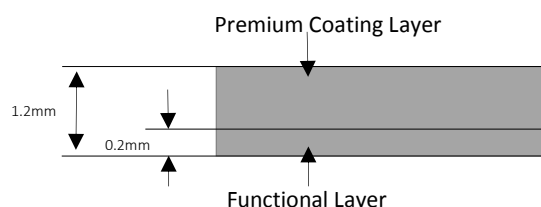
PROLASER PP edging is coextruded, comprising of two identically matched layers, a Premium Coating Layer and Functional Layer. The perfectly square form guarantees a seamless connection between board & edging with no need for additional hot melt adhesive. PROLASER PP edging can meet all top quality demands.

Physical & Chemical Properties

TRADE NAME	PROCESS	PRODUCT IDENTIFIER	SUBSTANCE NAME	CONTENT
PROLASER PP	Coextruded	CAS No.: 9003-07-0	Polypropylene (PP)	80 – 95 Wt %

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Description	PP & mineral fillers
Physical state	Solid
Odour	Almost Odourless
Melting Point	>160°C
Decomposition Temp	>300°C
Flash Point	>300°C
Ignition Temp	>350°C
Relative Density	≈ 1 g/cm ³ at 20°C
Water Solubility	Insoluble



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FUSION TECHNOLOGIES	KW	J/cm ²	CONTACT PRESSURE	SPEED	NOZZLE TEMP	NOZZLE PRESSURE	HEATING ELEMENT
BIESSE - AirForce Akron	-	-	3 bar	12-15m/min	420°C	-	620°C
BIESSE - AirForce Stream	-	-	3 bar	18m/min	500°C	-	730°C
BRANDT - airTec	-	-	3 bar	15m/min	320°C	6 bar	-
HOLZHER NIR	6	-	2-5	15m/min	-	-	-
HOMAG - airTec	-	22	3 bar	20m/min	450°C	-	650°C
HYFUSE	-	-	-	-	-	-	-
SCM - HotAir	-	-	4-5 bar	12m/min	360°C	-	450°C
IMA	-	21	-	-	-	-	-

Hazards

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP]. Mechanical processing may cause dust. May cause eye irritation. May cause respiratory irritation. May cause skin irritation. Damage can be caused through mechanical influence of the product. Keep away from ignition sources. Take precautionary measures against static discharge. Electrostatically charged moldings can become a source of ignition for other materials or damage electronic components. In case of accident or unwellness, seek medical advice immediately.

Storage

Store in a well-ventilated place. Keep container tightly closed. No special measures are necessary. Do not store together with: Oxidising agents, strong; ester; Ketone; aromatic hydrocarbons; halogenated hydrocarbons.

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The information in this technical datasheet is given in good faith and is the result of manufacturers own experience and tests and can only be considered as a guideline for operation. We guarantee the constant quality of our products but we cannot be responsible for the results obtained in their use, since the conditions of work are beyond our control.

