

## PRODUCT INFORMATION

# Cellulose 525 PU

## PRODUCT FEATURES

Excellent transparency and gloss  
Inherent anti-static properties  
Based on renewable wood pulp  
Excellent barrier to gases and aromas

## APPLICATIONS

500P25 is used to impart the finest finished appearance to Fibreglass Reinforced Plastic materials. It offers good release from polyester resins as well as rubber sheeting compounds. It is used on hand lay-outs, continuous flat lines and spiral wound lines for making reinforced rods such as fishing rods, antennae, vaulting poles, etc. Specially formulated to minimise 'smoke' emission on continuous production lines. This can be laminated to other materials to impart greater strength for manufacturing operations. It can be readily embossed with a variety of designs for transfer to reinforced panels.

## TECHNICAL INFORMATION

PROPERTY	TEST BASIS	TEST CONDITIONS	UNITS	P25 RELEASE FILM
THICKNESS	MANUFACTURER		MICRON	34.7
YIELD	MANUFACTURER		m <sup>2</sup> /kg g/m <sup>2</sup>	20.0 50.0
PERMEABILITY TO: WATER VAPOUR	ASTM E 96	38°C 90% RH	g/m <sup>2</sup> .24 hrs	NOT APPLICABLE
OXYGEN	ASTM F 1927	23°C 50% RH	cc/m <sup>2</sup> .24hrs	10
COEFFICIENT OF FRICTION (FILM TO FILM)	ASTM D 1894	STATIC DYNAMIC		0.70 0.50
TENSILE STRENGTH	ASTM D 882		MN/M <sup>2</sup> MD TD	125 70
ELONGATION AT BREAK	ASTM D 882		% MD TD	22 70
ELASTICITY MODULUS (1% SECANT)	ASTM D 882		MN/M <sup>2</sup> MD TD	≥2000 ≥1000
SEALING RANGE	MANUFACTURER	0.5 SECS: 69KN/M <sup>2</sup>	°C	NOT APPLICABLE