

AC3/30



PRODUCT DATA SHEET

PRODUCT DETAILS

PRODUCT CODE	AC3/30
FIBRE TYPE	Acrylic Fibre
FIBRE FORMAT	Precision Cut (Rotary)
APPEARANCE & LUSTRE	Yellow/Ecru fibres
FIBRE LENGTH	3.0mm \pm 0.3mm (>98%)
FIBRE DIAMETER & DECITEX	10-19 μ m/1.1-3.3dtex \pm 10% (>95%)
TYPICAL PACKAGING	20kg/carton, 720kg/pallet, 36cartons/pallet
RELEVANT SDS	Acrylic

CHARACTERISTICS

DISPERSION IN WATER	Homogeneous with stirring
COMMERCIAL MOISTURE REGAIN (%)	1.5
TYPICAL MOISTURE CONTENT (%)	1.0-2.0
COMMERICAL MOISTURE ALLOWANCE (%)	<2.0
MELTING POINT (°C)	Non-melting (Decomposes >280 (TGA Analysis))
FLAMMABILITY	Supports combustion, forms beads
DENSITY (g/cm³)	1.17-1.18
ABSORBENCY	Medium
DRY TENACITY (cN/dtex)	4.5-8.0
DRY ELONGATION AT BREAK (%)	10-40
CHEMICAL RESISTANCE	Good against: Acids, Most Organic Solvents, Oxidising Agents, Sunlight, Alkalis
BIODEGRADABILITY	Non-biodegradable
ADDITIONAL INFORMATION	None

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