

Technical Data Sheet

EGYPELENE™ RF550

Polypropylene, Homopolymer

Product Description

EGYPELENE™ RF550 is a polypropylene Homo Polymer with medium flow and a conventional molecular weight distribution and is formulated with a general-purpose additive package. EGYPELENE™ RF550 is suitable for high speed machines and designed for stretched tape (Raffia), geo-textile application and big bags.

Processing Methods

Tapes yarns, Thermoformed parts & Raffia

Features

Low water carry over, Good processability, Phthalate free, Reactor grade and Good color satability.

Typical Customer Applications

Weaving tapes for carpet backing, woven bags, geo-textile & packaging as jumbo bags and ropes.

Product Characteristics

Typical Properties	Normal Value	Units	Test Methods
Physical			
Melt flow	3	g/10 min	ISO 1133
Density	0.9	g/cc	ISO 1183
Mechanical			
Flexural Modulus	1300	Mpa	ISO 178
Tensile Stress at Break, (23 °C, 50mm/min)	20	Mpa	ISO 527
Tensile Stress at Yield, (23 °C, 50mm/min)	32	Mpa	ISO 527
Tensile Strain at Yield, (23 °C, 50mm/min)	11	%	ISO 527
Thermal			
Vicat Softening Temperature	153	°C	ISO 306

Regulatory Information

Egyptian Propylene & Polypropylene Company© certify that the above product is in compliance with the USA FDA code of Federal Regulations (CFR 21) section 177.1520 (C) 1.1 and is suitable for use in articles that contact food also is in compliance with the EU Regulation 10/2011 as amended.

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