

ATC - MODULAR BELT CERTIFICATE

Material: Polypropylene

Typical Characteristics

Property	Test Method	Unit	Typical Value
Melt Flow Rate (230°C/2.16 kg)	ASTM D1238	gm/10 min	9
Density	ASTM D792	g/cc.	0.90
Tensile Strength at Yield (50 mm/min.)	ASTM D638	MPa	23
Elongation at Yield (50 mm/min.)	ASTM D638	%	7
Flexural Modulus (1% Secant)	ASTM D790A	MPa	1000
Notched Izod Impact Strength (23 °C.)	ASTM D256	J/m	150
Heat Deflection Temperature (455 KPa)	ASTM D648	°C	95
Hardness – Shore D	ASTM D2240	---	68

Regulatory Information

The product complies with Indian Standard IS 10910 on “Specification for polypropylene and its copolymers for safe use in contact with foodstuffs, pharmaceuticals and drinking water. It also conforms to IS 16738:2018 on positive list of constituents for polypropylene, polyethylene and their copolymers for its safe use in contact with foodstuffs and pharmaceuticals. The grade and the additives incorporated in it also comply with the FDA:CFR Title 21,177.1520, Olefin polymers.



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