

Nylene® 323 HS

Polyamide 6

Custom Resins Group

Message:

Heat stabilized nylon 6 copolymer for both extrusion and injection molding

Exhibits excellent flexibility and impact resistance in addition to the heat and chemical resistance of nylon 6 resins

Suitable for flexible tubing and overmolding extrusions as well as molding applications that require maximum flexibility from a nylon type resin

General Information	
Additive	Heat Stabilizer
Features	Good Chemical Resistance
	Good Flexibility
	Good Impact Resistance
	Heat Stabilized
Uses	Overmolding
	Tubing
Processing Method	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	55.2	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	320	%	ASTM D638
Flexural Modulus (23°C)	517	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	530	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	55.0	°C	ASTM D648
Peak Melting Temperature	210	°C	ASTM D3418

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