

Product Texts

Starflam 377H NT0801 is an unfilled, PA66 homo-polymer utilizing a non-halogen flame retardant, designed with superior flow properties to assist in filling thin-walled, intricate parts. It is heat stabilized to provide best in class RTI. 377H NT0801 is also lubricated for machine feed, easy mold release and formulated with enhanced ductility.

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
^[C] Molding shrinkage, parallel	1.7 / *	%	ISO 294-4, 2577
^[C] Molding shrinkage, normal	1.2 / *	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	3500 / 1500	MPa	ISO 527
^[C] Charpy impact strength, +23°C	86 / N	kJ/m ²	ISO 179/1eU
^[C] Charpy impact strength, -30°C	82 / 160	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	3.1 / 11	kJ/m ²	ISO 179/1eA
^[C] Charpy notched impact strength, -30°C	3.1 / 4	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	262 / *	°C	ISO 11357-1/-3
^[C] Temp. of deflection under load, 1.80 MPa	77 / *	°C	ISO 75-1/-2
^[C] Temp. of deflection under load, 0.45 MPa	228 / *	°C	ISO 75-1/-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Density	1170 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Delivery form

Pellets, Natural Color

Additives

Lubricants

Special Characteristics

Flame retardant, Halogen-free, Heat stabilized or stable to heat

Features

Homopolymer

Regional Availability

North America, Europe, Asia Pacific