

AuroraGuard™ 5000SN4

Aurora Material Solutions, LLC - Polypropylene

General Information
Product Description

UL 94 V-0, low bloom, flame retardant polypropylene compound designed with halogen-based technology. 5000SN4 exhibits a balance of high flexural modulus and good impact. It is designed for extrusion and molding applications.

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Features	• Flame Retardant • Good Flexibility • Low Blooming
Uses	• Mold Making
Processing Method	• Extrusion

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.26		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	24	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	4300	psi	ASTM D638
Tensile Elongation (Break)	100	%	ASTM D638
Flexural Modulus	520000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	2.0	ft·lb/in	ASTM D256
Gardner Impact	192	in·lb	ASTM D5420
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.06 in)	V-0		UL 94
Oxygen Index	25	%	ASTM D2863

Notes

¹ Typical properties: these are not to be construed as specifications.

