

Technical Data Sheet

***Invision* GX 5050G3U-2A386 GRAY**



Thermoplastic Elastomer

Product Description

*Invision*TMGX-5050G3U is a Styrenic Polyolefin Thermoplastic Elastomer of 50 Shore A durometer, which has been formulated for superior injection molding processability, elasticity, resilience and UV stability. It can be provided in Natural, Black and custom matched colors.

Processing Method	Injection Molding
Appearance	Colors Available
Application	Consumer; Industrial Applications

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	0.97	g/cm ³	ASTM D792
Mechanical			
Tensile Stress at 100%	2.1	MPa	ASTM D412
Tensile Strength at Break	4.5	MPa	ASTM D412
Tensile Elongation at Break	>520	%	ASTM D412
Tear Strength	24	kN/m	ASTM D624
Hardness			
Shore Hardness, (Shore A, 15 sec)	53		ISO 868
Durometer Hardness, (Shore A, 10 sec)	56		ASTM D2240
Additional Information			
Compression Set, (23 °C, 22 hr)	17	%	ASTM D395