



Weatherguard® 8303 HG

Teknor Apex Company - Polymethyl Methacrylate Acrylic

General Information

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Asia Pacific • Latin America • North America
Features	• High Gloss
Uses	• Consumer Applications • Swimming Pools
Agency Ratings	• AAMA 303
Regulatory Statement	• Due to the frequent updates to regulations, specifically, California Proposition 65, EU REACH SVHCs, and RoHS, please contact Teknor Apex for the most up to date compliance statement, or refer to section 15 of the product SDS.
Forms	• Pellets
Processing Method	• Extrusion

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.15		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	12	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	4060	psi	ASTM D638
Tensile Elongation (Break)	30	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore D, 10 sec, Hand Held	73		
Shore D, 10 sec, Operating Stand	73		

Additional Information

Data Sheet Applies to Color(s) Listed Below:

Black 754 (1139643)
Black 764 (1139293)
Black 774 (1140922)
Black 784 (1143227)

9/21-cw

Notes

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