

MELT - 11

DENSITY - 0.038

ALG-350 is a medium gloss, medium impact extrusion ABS grade. **ALG-350** is designed for profile extrusion and substrate coextrusion and can be used alone or blended with a higher impact resin. **ALG-350** complies with FDA Regulation 21CFR181.32 and most international regulations concerning the use of styrenics in contact with food articles.

Features:

- Stiff melt flow
- Good balance between rigidity and impact strength
- Easy to color with ABS concentrates

PROPERTIES	ASTM	UNIT	VALUES
PHYSICAL			
Density	D792	lb/in ³	0.038
Melt Mass Flow Rate (230°C/5.0 kg)	D1238	g/10 min	11
Specific Gravity	D1238	g/10 min	1.05
MECHANICAL			
Tensile Modulus	D638	lb/in ²	290k
Tensile Strength @ Yield (73°F)	D638	lb/in ²	5200
Flexural Modulus	D790	lb/in ²	290k
Flexural Strength @ Yield (73°F)	D790	lb/in ²	8600
Notched Izod Impact (73°F)	D256	ft-lb/in	4.9
Rockwell Hardness	D785	R Scale	103
HDT (66 psi, Unannealed)	D648	°F	200