

# FARALLOY® ABS-105

Acrylonitrile Butadiene Styrene

O'Neil Color and Compounding

## Message:

FARALLOY ABS-105 is a flame retardant sheet extrusion grade ABS formulated to resist ignition as defined by Underwriters' Laboratories 94V test protocol. This product is non-blooming and has enhanced resistance to discoloration caused by interior lighting.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Ignition Resistant		
	Non-Blooming		
Uses	Sheet		
Forms	Pellets		
Processing Method	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	2.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	35.9	MPa	ASTM D638
Flexural Modulus	1860	MPa	ASTM D790
Flexural Strength	55.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	270	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	90.0	°C	ASTM D648
Flammability	Nominal Value	Test Method	
Flame Rating			UL 94
1.59 mm	V-0		
2.21 mm	5VA		

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