

# Absolac DP03H

Acrylonitrile Butadiene Styrene (ABS)

## TECHNICAL DATASHEET

### DESCRIPTION

Absolac® DP03H is a general purpose extrusion grade

### FEATURES

- Extrusion Grade

### APPLICATIONS

- Sheets for automotive applications
- Cop sleeves
- Wall Cabinets
- Pipes & Profile extrusion

Property, Test Condition	Standard	Unit	Values
<b>Rheological Properties</b>			
Melt Flow Rate, 220 °C/10 kg	ISO 1133	g/10 min	8
<b>Mechanical Properties</b>			
Tensile Stress at Yield, 23 °C	ISO 527	MPa	48
Tensile Modulus (MD)	ISO 527	MPa	2300
Flexural Strength, 23 °C	ISO 178	MPa	70
Flexural Modulus, 23 °C	ISO 178	MPa	2400
Hardness, Rockwell	ISO 2039-2	R scale	100
<b>Thermal Properties</b>			
Vicat Softening Temperature, B/2 (120 °C/h, 50N)	ASTM D 1525	°C	100
Heat Deflection Temperature A; (annealed 4 h/80 °C; 1.8 MPa)	ISO 75	°C	94
Heat Deflection Temperature B; (annealed 4 h/80 °C; 0.45 MPa)	ISO 75	°C	97
<b>Other Properties</b>			
Density	ISO 1183	kg/m <sup>3</sup>	1040