

HIPS-S908C (Development Grade)

Test Report

Typical Properties:

Properties	Unit	Method	Value
<u>Physical properties</u>			
Melt Flow Rate (MFR) 200°C, 10 kg	g/10 min	ASTM D1238	6.49
Density (at 23°C)	g/cm ³	ASTM D792	1.11
Moisture Content	ppm	Internal	500
<u>Mechanical Properties</u>			
Tensile Strength at Yield	MPa	ASTM D638-02a	25.9
Elongation at Break	%	ASTM D638-02a	21
Flexural Strength at 5% Strain	MPa	ASTM D790-17	46
Flexural Modulus	MPa	ASTM D790-17	2392
<u>Electrical Properties</u>			
Surface Resistivity (at 23°C, 50% RH)	Ohm/square	ASTM D257-14	10 ³ –10 ⁴

Note: Properties reported here are typical values of the product, not to be considered as specifications. Solution Creation makes no representations as to the accuracy or completeness of the information contained herein.