



## **Allied Specialty Compounds Pte Ltd**

2304, Bedok Reservoir Road, #04-02B, Bedok Industrial Park C, Singapore 479223

Tel: (65) 62432636 Fax: (65) 62435987

### **Extruded Sheet – Productin Specification**

<b>1. General Properties</b>						
	ASTM	UNITS	A100		B100	
			MD	TD	MD	TD
Tensile Strength @ yield	D-882	MPa	42	36	28	24
Elongation @ Break	D-882	%	40	20	40	20
Initial Tear strength	D1004-93	N/mm <sup>2</sup>	19	17	13	10
Flexural Strength	D-790M	MPa	60		41	
Flexural Modulus		Mpa	2116		1950	
Specific Gravity	D-792	g/cm <sup>3</sup>	1.07		1.04	
Heat deflection temperature @ 0.45 MPa	D-648	°C	89.4		82.5	
@ 1.8 MPa		°C	75.4		69.1	
Surface Resistivity	D-257	Ohm/sq	10 <sup>5</sup>		10 <sup>5</sup>	
Color			Black		Black	
<b>2. Heavy metal</b>						
Cadmium (Cd)	EN1122 / ICP	ppm	ND		ND	
Lead (Pb)	EPA3050B / ICP	ppm	ND		ND	
Mercury (Hg)	EPA3052	ppm	ND		ND	
Hexavalent Chromium (Cr <sup>+6</sup> )	EPA3060A/UV	ppm	ND		ND	
Nickel (Ni)	EPA3050B/ICP	ppm	ND		ND	

The above data is typical laboratory data based on our experience and knowledge. It does not imply any legally binding assurance. Users are advised to make their own tests to determine the safety and suitability for their application.