

Dayson Polymers, LLC
ABS PORENE® SR101 Property Data Sheet
Acrylonitrile Butadiene Styrene
Extrusion Grade

Property	Test Condition	Nominal Values (English)	Test Method
Physical			
Melt Flow Rate	220°C/10.0 kg – G	7.0 g/10 min	ASTM D1238
Mold Shrink, Linear-Flow		0.0040 to 0.0060 in/in	ASTM D955
Mechanical			
Tensile Strength	73°F	6,60 psi	ASTM D638
Flexural Modulus	73°F	291,79 psi	ASTM D790
Flexural Strength	73°F	8,10 psi	ASTM D790
Impact			
Notched Izod Impact	73°F, 0.250 in	5.51 ft-lb/in	ASTM D256
Hardness			
Rockwell Hardness	R-Scale, 0.250 in	105	ASTM D785
Thermal			
DTUL @ 264 psi - Unannealed	0.250 in	185 °F	ASTM D648
DTUL @ 66 psi - Unannealed	0.250 in	198°F	ASTM D648
Ignition Characteristics			
Flame Rating – UL (0.125in)		HB	UL-94
PROCESSING INFORMATION			
Injection Molding Parameters		Nominal Values (English)	
Drying Temperature		176 to 185 °F	
Drying Time		2.0 to 3.0 hr	
Processing (Melt) Temp		356 to 482 °F	

APPLICATION: LUGGAGE

PORENE® IS A REGISTERED TRADEMARK OF THAI ABS COMPANY LIMITED

Remark: The values presented on the above are typical laboratory averages. All data generated is based on natural material. To the best of our knowledge the information contained in this publication is accurate, however, we do not assume any liability whatsoever for the accuracy or completeness of such information. Since we have no control over the use to which others may put our product, we cannot guarantee that results will be the same as those described in this publication will be obtained. The buyer assumes sole responsibility for results obtained in reliance upon this publication. We recommend that persons intending to rely on any recommendation or to use any equipment, processing technique or material mentioned in this publication should satisfy themselves as to such suitability and they can meet all applicable safety and health standards.