

Dayson Polymers, LLC
AS 121 PC (Blue) PORENE®
Styrene Acrylonitrile

Property	Test Condition	Nominal Values (English)	Test Method
Physical			
Melt Flow Rate	200°C/5.0 kg – G	2.8 g/10 min	ASTM D1238
Mechanical			
Tensile Strength	73°F	10,200 psi	ASTM D638
Flexural Modulus	73°F	540,487 psi	ASTM D790
Flexural Strength	73°F	17,100 psi	ASTM D790
Impact			
Notched Izod Impact	73°F, 0.250 in	.46 ft-lb/in	ASTM D256
Hardness			
Rockwell Hardness	M-Scale, 0.250 in	93	ASTM D785
Thermal			
DTUL @ 264 psi - Unannealed	0.250 in	187 °F	ASTM D648
Vicat Softening Point		226 °F	ASTM D1525
Ignition Characteristics			
Flame Rating – UL	(0.125 in)	HB	UL-94

APPLICATION: INJECTION MOLDING

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