

Dayson Polymers, LLC
Diap. (Diapolyacrylate Co. Ltd.)
Average Physical Properties of ABS Transparent
Acrylonitrile Butadiene Styrene
SHINKO-LAC U400B

Property	Test Condition	Test Method ASTM	Units	Value	Units	Value
Mechanical						
Tensile Strength	ASTM 1	D638	Mpa	41	psi	5,946
Flexural Strength	1/4"	D790	Mpa	66	psi	9,572
Flexural Modulus	1/4"	D790	Mpa	1900	psi	275,572
Rockwell Hardness	R scale	D785		111		
Thermal						
Heat Distortion Temperature	1.82 Mpa	D648	C°	80	F°	176
Vicat Softening Temperature	49N	ISO R-306	C°	100	F°	212
Impact						
Impact Strength	6.4 mm	D256	J/m	100	ft-lb/in	1.873
Physical						
Melt Flow Rate	200 °C 49N	D1238	g/10 min	0.3		
Specific Gravity		D792		1.14		
Light Transmittance	3.2 mm	D1003	%	90		

REMARK: THE VALUES PRESENTED ON THE ABOVE ARE TYPICAL LABORATORY AVERAGES.