

Lucent ABS ABS-305

Acrylonitrile Butadiene Styrene

Lucent Polymers, Inc.

Message:

General Purpose Acrylonitrile Butadiene Styrene

Add "R" for Added Release

Add "U" for UV Stabilizer

Meets GMP.ABS.018R

General Information			
Features	General Purpose		
Uses	General Purpose		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	5.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	0.60	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	42.1	MPa	ASTM D638
Tensile Elongation (Break)	> 10	%	ASTM D638
Flexural Modulus	2210	MPa	ASTM D790
Flexural Strength	74.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	160	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	87.8	°C	ASTM D648

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