

DIAMALLOY ASAPC 6040

Acrylonitrile Styrene Acrylate + PC

Network Polymers, Inc.

Message:

DIAMALLOY ASAPC 6040 is an Acrylonitrile Styrene Acrylate + PC (ASA+PC) product. It is available in North America.

Characteristics include:

REACH Compliant

RoHS Compliant

WEEE Compliant

UV Stabilized

General Information			
Additive	UV Stabilizer		
Agency Ratings	EC 1907/2006 (REACH)		
	EU 2002/96/EC (WEEE)		
RoHS Compliance	RoHS Compliant		
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.15	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) ¹ (265°C/5.0 kg)	35	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.40 to 0.80	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	48.7	MPa	ASTM D638
Flexural Modulus ³	2020	MPa	ASTM D790B
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	590	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
1.8 MPa, Unannealed, 3.18 mm	87.8	°C	
1.8 MPa, Unannealed, 6.35 mm	93.9	°C	
Vicat Softening Temperature	123	°C	ASTM D1525 ⁴

NOTE	
1.	Procedure A
2.	51 mm/min
3.	Method I (3 point load), 1.3 mm/min
4.	Loading 1 (10 N)

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