

Romiloy® 3020/07

Acrylonitrile Styrene Acrylate + Nylon

ROMIRA GmbH

Message:

Romiloy® 3020/07 is an Acrylonitrile Styrene Acrylate + Nylon (ASA+Nylon) material. It is available in Europe for injection molding.

Important attributes of Romiloy® 3020/07 are:

Flame Rated

Impact Resistant

UV Stabilized

General Information				
Additive	UV Stabilizer			
Features	High Impact Resistance			
Processing Method	Injection Molding			
Physical	Dry	Conditioned	Unit	Test Method
Density	1.06	--	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (260°C/3.8 kg)	15	--	g/10 min	ISO 1133
Molding Shrinkage (23°C)	0.60 to 0.90	--	%	ISO 294-4
Water Absorption (23°C, 24 hr)	1.0	--	%	ISO 62
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus (23°C)	1700	1200	MPa	ISO 527-2/1
Tensile Stress (Yield, 23°C)	37.0	34.0	MPa	ISO 527-2/50
Tensile Strain (Break, 23°C)	> 100	> 200	%	ISO 527-2/50
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength				ISO 179/1eA
-30°C	11	--	kJ/m ²	
23°C	77	--	kJ/m ²	
Charpy Unnotched Impact Strength				ISO 179/1eU
-30°C	No Break	--		
23°C	No Break	--		
Thermal	Dry	Conditioned	Unit	Test Method
Vicat Softening Temperature	105	--	°C	ISO 306/B50
Flammability	Dry	Conditioned		Test Method
Flame Rating	HB	--		UL 94

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