

Witcom HDPE AS-S-UV

High Density Polyethylene
Witcom Engineering Plastics B.V.

Message:
ATEX conform

General Information			
Additive	Antistatic property		
	UV stabilizer		
Features	Antistatic property		
	Good UV resistance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.990	g/cm ³	ISO 1183
Molding Shrinkage - Flow (3.00 mm)	1.5 - 2.5	%	ISO 2577
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	< 15.0	MPa	ISO 527-2
Tensile Strain (Break)	> 400	%	ISO 527-2
Flexural Modulus	800	MPa	ISO 178
Flexural Stress	18.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	50	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength	No Break		ISO 180/1U
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	< 1.0E+9	ohms	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating (3.00 mm)	HB		ISO 1210
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.050	%	
Processing (Melt) Temp	180 - 240	°C	
Mold Temperature	20.0 - 60.0	°C	
Injection Rate	Fast		
Back Pressure	0.00 - 1.00	MPa	
Injection instructions			
Screw speed: 0.1 - 0.25 m/sInjection pressure: Keep to a minimumHold pressure: Keep to a minimum			

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