

BONDYRAM® TL 3101B

Polyethylene
Polyram Ram-On Industries

Message:

Bondyram® TL 3101B is a modified polyolefin contains functional groups that enhance its adhesion to Polyethylene, PEX and metals such as steel and aluminum. The material functions as a tie-layer resin in multilayer pipes.

General Information			
Features	Good Adhesion		
Uses	Tie-Layer		
Agency Ratings	EU 2002/72/EC		
	EU 2004/1/EC		
	EU 2004/19/EC		
	EU 2005/79/EC		
	EU 2007/19/EC		
	EU 2008/39/EC		
	FDA 21 CFR 175.105		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.3	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	200	MPa	ISO 527-2
Tensile Stress (Yield)	12.0	MPa	ISO 527-2
Tensile Strain (Break)	900	%	ISO 527-2
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	130	°C	DSC
Extrusion	Nominal Value	Unit	
Hopper Temperature	230	°C	
Cylinder Zone 1 Temp.	200	°C	
Cylinder Zone 2 Temp.	210	°C	
Cylinder Zone 3 Temp.	220	°C	
Cylinder Zone 4 Temp.	220	°C	
Cylinder Zone 5 Temp.	220	°C	
Adapter Temperature	220	°C	
Die Temperature	230	°C	

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