SA110A

NORYL™ SA110A RESIN

DESCRIPTION

NORYL™ SA110A resin is a low molecular weight polymer based on polyphenylene ether (PPE). Miscibility of NORYL SA110A resin in polystyrene may allow use as a styrene endblock reinforcing resin in a variety of materials like styrene-based rubbers and styrene block copolymers.

Adding NORYL SA110A resin to these systems may improve heat resistance (adhesion at elevated temperatures) while maintaining peel strength. The viscosity profile of NORYL SA110A resin makes it a good potential candidate for melt extrusion tape processes.

TYPICAL PROPERTY VALUES

Revision 20240201

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
THERMAL			
Tg (half width)	165	°C	SABIC method
PHYSICAL			
Physical Form	PELLET	-	SABIC method
Mw	6300	-	SABIC method
Mn	2350	-	SABIC method
Mz	8900	-	SABIC method
Gardner Color			
10% in toluene	9	-	ASTM D6166
Melt Viscosity			
at 220°C	6200	Poise	SABIC method
at 240°C	900	Poise	SABIC method
at 260°C	200	Poise	SABIC method

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