



BR-015H Polymer Data

Polymerization System	-- Solution Polymerization
Catalyst	-- Ziegler Cobalt Type
Configuration	-- 94% cis minimum
Stabilizer	-- Non-staining
Specific gravity	-- 0.91
Characteristics	-- Short dissolving time
	-- Low solution viscosity
	-- Very low gel content
	-- Excellent gloss
	-- Excellent low temperature properties
Application	-- Mainly for high impact polystyrene (HIPS) modification.

**Specification Values**

<u>POLYMER PROPERTIES</u>	<u>minimum.</u>	<u>maximum</u>	<u>Test Method</u>
Mooney Viscosity, ML <sub>1+4</sub> 100°C	37	47	ASTM D-1646
Volatile Matter (%)	-----	0.5	ASTM D-5668
Ash (%)	-----	0.2	ASTM D-5667
Stabilizer, (phr)	-----	0.7	K62-BRFP-23

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PROPERTIES IN 5% STYRENE SOLUTION

Solution viscosity, 25°C (cps)	45	75	ASTM D-3616
APHA color	-----	15	ASTM D-1209
Styrene insoluble, (%)	-----	0.015	K62-BRFP-06