

KRATON® G1645 M

Styrene Ethylene Butylene Styrene Block Copolymer

Kraton Polymers LLC

Message:

Kraton G1645 M is a linear triblock copolymer based on styrene and ethylene/butylene. It is supplied from North America in the physical form identified below.

Kraton G1645 MO - supplied as a dusted, dense pellet

The product exhibits the following characteristics:

Supplied as a dusted, dense pellet in small plastic bags.

Enhanced midblock for increased compatibility with the polypropylene.

Good UV and thermal stability as with all KRATON G type products.

Low melt flow designed for stability in blown film applications.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Copolymer		
	Good Thermal Stability		
	Good UV Resistance		
	Low Flow		
Uses	Film		
Forms	Pellets		
Processing Method	Blown Film		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.0 to 4.5	g/10 min	ASTM D1238
Bound Styrene	11.5 to 13.5	%	Internal Method
Antioxidant Additive ¹	0.080 to 0.16	%	Internal Method
Total Extractables	< 1.6	%	Internal Method
Volatile Matter	< 1.0	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec, Injection Molded)	35		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	10.3	MPa	ASTM D412
Tensile Elongation (Break)	600	%	ASTM D412
NOTE			
1.	Non-staining phenolic antioxidant		

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