



K0658  
Mailiao

**KRATON™ G1645 V Polymer**

**Data Document**

Identifier : K658DDb18A

**Description**

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

- Kraton G1645 VO - supplied as a dusted, dense pellet

The product exhibits the following characteristics:

- Supplied as a dusted, dense pellet in small plastic bags and lined bulk box.
- Enhanced midblock for increased compatibility with polypropylene.
- Good UV and thermal stability as with all KRATON G type products.
- Low melt flow designed for stability in blown film applications.

**Sales Specifications**

Property	Test Method	Units	Sales Specification Range	Notes
Volatile Matter	KM 04	%m	≤ 0.4	
Melt Flow, 230C/2160g	ASTM D1238	g/10 min	2.0 TO 4.5	
Polystyrene Content	KM 03	%m	11.5 TO 13.5	c
Total Extractables	KM 05	%m	≤ 1.6	
Antioxidant	KM 08	%	0.08 TO 0.16	a
<b>a</b>	Non-staining phenolic antioxidant.			
<b>c</b>	Measured on the polymer before hydrogenation.			

**Typical Properties** (These are typical values and may not routinely be measured on finished product)

Property	Test Method	Units	Typical Value	Notes
Hardness, Shore A	ASTM D 2240	Shore A (10 sec)	35	b
Elongation at Break	ASTM D 412	%	600	a
Tensile Strength	ASTM D 412	psi	1500	a
<b>a</b>	Measured on extrusion cast film.			
<b>b</b>	Measured on injection molded plaque.			

**Packaging**

Kraton Polymers are available in a number of different package types. For information specific to this grade, please contact your local Kraton Polymers representative.

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