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RK150 Dry-Blend (Developmental) Of Clear Styrenic Copolymers

Customer Benefits

- Excellent clarity
- Good toughness
- High surface gloss
- Good stiffness

Suggested Applications

INJECTION MOLDING :
Displays, health care, consumer and media applications

Nominal Physical Properties ⁽¹⁾	Condition	SI Units	Method
Density	Kg/m ³	1.05	ISO 1183, ASTM D792
Melt index	200°C/ 5kg	8.5	ISO 1133H or ASTM D1238, Cond. G
Tensile Modulus ⁽²⁾	50 mm/min	2000	ISO 178
Elongation at break ⁽²⁾	50 mm/min	60	ISO 527
Vicat Temperature	B50	75	ISO 306 B50
Charpy Impact notched	23°C	4.1	ISO 179 / 1eA
Charpy Impact unnotched	23°C	No break	ISO 179 / 1eA
Light transmission		89	ASTM D1003
Haze		2.0	ASTM D1003

1. The nominal properties herein are typical of the product but do not reflect normal testing variance and therefore should not be used for specification purposes.
2. 50 mm/min

Processing Recommendations

Maintain these conditions for optimum product quality...

- Injection Melt temperature, 200-240°C recommended.
- Mold temperature : 10-60°C
- Condensation of water can occur and may cause streaks or some haze. Condensed water can be removed by drying at 50-60°C

Important Notices

- The components of this dry-blend all comply with EC and FDA regulations.

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Before using this product, the user is advised and cautioned to make its own determination and assessment of the safety and suitability of the product for the specific use in question and is further advised against relying on the information contained herein as it may relate to any specific use or application. It is the ultimate responsibility of the user to ensure that the product is suited and the information is applicable to the user's specific application. Chevron Phillips Chemical Company LP does not make and expressly disclaims, all warranties, including warranties of merchantability or fitness for a particular purpose, regardless of whether oral or written, express or implied, or allegedly arising from any usage of any trade or from any course of dealing in connection with the use of information contained herein or the product itself. The user expressly assumes all risk and liability, whether based in contract, tort or otherwise, in connection with the use of the information contained herein or in the product itself. Further, information contained herein is given without reference to any intellectual property issues, as well as federal, state or local laws, which may be encountered in the use thereof. Such questions should be investigated by the user.