

Impact Modifier

For PVC

COMMODITY - KITE - IM-10

Chemical Description	Acrylic Copolymer
Physical Form	White Powder
Bulk Density	≥ 0.35 g/cc
Volatile Matter	$\leq 1.5\%$
Particle Size	$\leq 1.0\%$ on 16 mesh sieve
Specific Gravity	1.03g/cc



Physical And Chemical Properties

Appearance	: Solid Granules
Color	: Translucent
Melting Point	: 160 °C
Autoignition Temp.	: >305 °C
Oxidizing Properties	: NP
Density	: 088-0.9g/cm3 ISO 1183-1
Hardness	: Unit Shore A

Property	Test Method	Unit	Value	
Hardness (3 s)	DIN EN ISO 868	Shore A	3	
Density	DIN EN ISO 1183-1	g/cm3	0,88	
Hardness (3 s)	ASTM D 2240	Shore 00	50	
			Flow Direction	Across Flow
Hardness (3 s)	Intern	%	7,0	0.3
Hardness (3 s)	DIN 53 504 (S2)	N/mm2	0,1	0,1
Hardness (3 s)	DIN 53 504 (S2)	N/mm2	0,1	0,1
Hardness (3 s)	DIN 53 504 (S2)	N/mm2	0,2	0.2
Hardness (3 s)	DIN 53 504 (S2)	N/mm2	0,4	0,3
Hardness (3 s)	DIN 53 504 (S2)	N/mm2	1,8	2,3
Hardness (3 s)	DIN 53 504 (S2)	%	850	950

The recommendation in this bulletin are made without guarantee since the conditions of use are beyond our control.

Users should make their own tests depending on machinery available and desired Properties.

