

Formolon® 616K

Rigid Polyvinyl Chloride

Formosa Plastics Corporation, U.S.A.

Message:

F616K is a medium-low molecular weight PVC homopolymer of particular interest in rigid applications and has established a deserved reputation for freedom from gels, and exceptional early color heat stability. These properties, along with outstanding lot to lot uniformity have made F616K an industry-wide standard for rigid formulations.

General Information	
Features	General Purpose
	Good Color Stability
	Good Thermal Stability
	Homopolymer
	Medium Molecular Weight
Uses	Bottles
	General Purpose
	Profiles
	Structural Foam
Agency Ratings	EC 1907/2006 (REACH)
Forms	Pellets
Processing Method	Calendering
	Foam Processing

Physical	Nominal Value	Unit	Test Method
Apparent Density	0.54	g/cm ³	ASTM D1895
K-Value	61.0		
Contamination ¹	15		
Inherent Viscosity	0.78		ASTM D1243
Relative Viscosity	1.95		ASTM D1243
Sieve Analysis			ASTM D1921
200 Mesh	4.0	%	
40 Mesh	100	%	
ASTM Classification	GP3-16000		ASTM D1755
Residual Vinyl Chloride Monomer	< 1	ppm	Internal Method
Volatiles	0.15	%	ASTM D3030
NOTE			
1.	OCS per 100g		

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

