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# HYDROCARB 90 - SY 76%

PRODUCTION SITE:	<b>SYLACAUGA</b> , AL, USA (certified ISO 9001, ISO 14001, ISO 45001)		
SHORT DESCRIPTION OF THE PRODUCT:	Ultrafine ground calcium carbonate, dispersed in a slurry form.		
CHEMICAL ANALYSIS:	Carbonate Content	99	%
SPECIFIC PRODUCT DATA:	Fineness:		
<sup>1</sup> Sedigraph	• Residue on a 45 µm sieve (Omya GLS 022)	1	ppm
	• Top cut (d98%) (Omya GLS 041) <sup>1</sup>	3.2	µm
	• Median Particle Size (d50%) (Omya GLS 041) <sup>1</sup>	0.7	µm
	• Particles < 1 µm (Omya GLS 041) <sup>1</sup>	70	%
	Optical Properties:		
	• Brightness R457 (Omya GLS 035)	96	%
GENERAL PRODUCT DATA:	Solid content (Omya GLS 028)	76	%
	Slurry density (Omya GLS 092)	1667	kg/m <sup>3</sup>
	Specific surface area (Omya GLS 067)	12.5	m <sup>2</sup> /g
	Raw Density (ISO 787-10)	2.71	
	pH value (Omya GLS 045)	9.3	
	Brookfield viscosity ex works (Omya GLS 015)	200	mPas
MAIN APPLICATIONS :	Ideal for paper and board opacity.		
REGULATORY APPROVALS:	This product may be used as an indirect food additive in food packaging applications under 21 CFR (FDA) 174.5, 176.170, and 176.180. It does not qualify as a substance permitted for direct addition to human food.		
STANDARD PACKAGING:	Bulk		

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