

# PC-MULL<sup>®</sup> VP 435

FORMULA: ML-09-U

WHITE PIGMENTED TOP-COAT

# STARTING FORMULATION

<u>Weight %</u>	<u>Raw Material</u>	<u>Supplier</u>	<u>Instructions</u>
60.00	PC-MULL <sup>®</sup> VP 435	EPS	
3.00	BG (butyl glycol)	Brenntag NV	Premix and add under good stirring
0.90	BDG (butyl diglycol)	Brenntag NV	
8.80	Water	-	Mix till homogeneous.
1.00	Deuteron PMH C	Deuteron GmbH	Add in order with good agitation
2.50	Aquacer 539	Byk Chemie	-
21.00	White Millbase (*)	-	Mix till homogeneous
0.50	TF 810 sol (**)	-	Add in order with good agitation
0.60	Tego Airex 902 W	Evonik Efficiency Resources GmbH	
0.30	Tego Glide 482	Evonik Efficiency Resources GmbH	
0.30	Tego Twin 4100	Evonik Efficiency Resources GmbH	
0.10	Ammonia (18% solution)	-	
0.10	Mergal 721 K3	Troy	Mix till homogeneous
0.90	RH 288 sol (***)	-	Add and mix till homogeneous. Adjust to the desired viscosity
100.00			

### Formulation Parameters

Weight Solids (theoretical) ±41.4  
[%]

### Typical Properties

pH [-] 8.0 – 9.0  
Viscosity [s] 55 – 65  
(Ford Cup 6)  
Gloss [-] 35 – 45  
(60° angle)

### Suggested Application Methods

Air-Spray

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(*) <u>White Paste</u>			
10.00	Water	-	
12.50	<b>PC-MULL® GR 100</b>	<b>EPS</b>	Add in order with good agitation
1.50	BG (butyl glycol)	Brenntag NV	
0.30	Ammonia (18% solution)	-	
0.30	Byk 024	Byk Chemie	Mix till homogeneous
75.00	Tronox CR 828	Tronox Pigments	Mix and disperse till desired fineness
0.40	Ammonia (18% solution)	-	Use to keep pH level >8.00, if necessary, during titanium load or add at the end.
100.00			
(**) <u>TF 810 sol</u>			
10.00	Tego foamex 810	Evonik Tego	
90.00	EDG (ethylene diglycol)	Brenntag NV	Mix till homogeneous
100.00			
(***) <u>RH 288 sol</u>			
15.00	Water	-	
15.00	BG (butyl glycol)	Brenntag NV	
70.00	Rheolate 288	Elementis	Mix till homogeneous
100.00			