

# Cheng Yu FV30G25

Acetal (POM) Homopolymer

Cheng Yu Plastic Company Limited

## Message:

Cheng Yu FV30G25 is an Acetal (POM) Homopolymer product filled with 25% glass fiber. It is available in Asia Pacific.

General Information			
Filler / Reinforcement	Glass Fiber,25% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.59	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	1.3 to 1.7	%	ASTM D955
Water Absorption (Saturation)	0.40 to 0.60	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	82		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	72.0	MPa	ASTM D638
Flexural Strength	195	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	39	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	164	°C	ASTM D648
Electrical	Nominal Value		Test Method
Dielectric Constant (60 Hz)	4.00		ASTM D150

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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

