

## CERTIFICATION

4/22/2022

TO WHOM IT MAY CONCERN AT  
XYZ Plastics, Ltd.  
987 Main Street S.  
Cypress, TX 77429

P.O. NO. 67890

THIS WILL CERTIFY THAT THE:

DESCRIPTION	BATCH #	RUN #
KETASPIRE PEEK ROD KT-820 CF30 1.0" Dia.	21350A0028	021222-1430

WAS PRODUCED WITH RESIN THAT MEETS THE REQUIREMENTS OF MIL-P-46183  
TYPE III, CLASS 2, AMENDMENT 2, AND EXTRUDED SHAPE COMPLIES WITH  
MINIMUM REQUIREMENTS OF ASTM D6262, TYPE 01 CLASS 3, GRADE 1.

HAS A SPECIFIC GRAVITY RANGE OF 1.38 - 1.42.

FURTHER, IT MEETS DRAKE PLASTICS' QUALITY STANDARDS AND HAS BEEN ANNEALED.

BENITA ENGLE, QUALITY DIRECTOR  
DRAKE PLASTICS LTD. CO.

\_\_\_\_\_  
QUALITY REPRESENTATIVE



# SOLVAY SPECIALTY POLYMERS USA, LLC

## CERTIFICATE OF ANALYSIS Solvay Specialty Polymers

### Customer

DRAKE PLASTICS LIMITED CO  
14869 GRANT ROAD  
CYPRESS TX 77429-1353  
USA

### Certificate recipient

Heidi Oquendo  
DRAKE PLASTICS LIMITED CO  
14869 GRANT ROAD  
CYPRESS TX 77429-1353

### Transport

**Delivery note** 73266183 900001

**Shipping date** 02/25/2022

**Packaging** 2 case(s)

**Batch number** 21350A0028

**Order** 5673121 000010

**Customer ref.** 80790

## KETASPIRE ☐ KT-820 CF30

**Batch number** 21350A0028 / **Quantity** 2 case(s)

Characteristics	Units	Value	Specification	Method
Melt Viscosity at 1000/s, 400°C	kPa.s	0.97	0.48 - 1.36	ASTM D3835
Tensile Strength at Break	psi	31200	>= 28200	ASTM D638
Tensile Elongation at Break	%	2.0	>= 2.0	ASTM D638
Tensile Modulus	psi	3490000	>= 2500000	ASTM D638
Flexural Strength	psi	47200	>= 39200	ASTM D790
Flexural Modulus	psi	3160000	>= 1900000	ASTM D790
Impact strength, Izod, Notched	ft.lbf/in	1.59	>= 1.00	ASTM D256
Specific Gravity		1.42	1.38 - 1.42	ASTM D792-13
Carbon Fiber Content	%	30.8	28.0 - 32.0	Solvay Method

This lot meets the requirements of Mil P 46183 Type III Class 2.

All physical/mechanical test specimens are conditioned per applicable material specifications, which may differ from the sample conditioning section of the test method quoted. This certificate is created automatically and is valid without signature.

### Supplier :

SOLVAY SPECIALTY POLYMERS USA, LLC  
4500 MCGINNIS FERRY ROAD  
ALPHARETTA GA 30005-3914

### Approved by

Girish Grover, Specifications  
Solvay Specialty Polymers LLC  
4500 McGinnis Ferry Road  
Alpharetta, GA 30005-3914  
Phone: +1 (770) 772-8716

*Girish Grover*