

BROWNWOOD CLAY HOLDINGS, LLC



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TEXProp™

- High Performance ceramic proppant
- US Manufactured for a wide range of wells
- High flow capacity for enhanced production rates
- Bulk density and specific gravity similar to sand

Physical and Chemical Properties

Sieve Analysis [weight % retained]

U.S. Mesh	Microns	20/40	30/50	40/70
+12 mesh	+1700	-	-	-
-12+16 mesh	-1700+1180	-	-	-
-16+20 mesh	-1180+850	4	-	-
-20+30 mesh	-850+600	61	3	-
-30+40 mesh	-600+425	35	80	1
-40 mesh	-425	-	16	-
-40+60 mesh	-425+250	-	-	95
-50 mesh	-300	-	1	-
-60+70 mesh	-250+212	-	-	4
Median Particle Diameter [um]		642	478	341



20/40



30/50



40/70

API Crush Test

% by weight fines generated

	@ 7,500 psi	2.3	1.5	0.9
	@ 10,000 psi	4.5	2.1	1.8
	@ 12,500 psi	6.3	4.1	3.5
	@ 15,000 psi	-	-	5.4

Sizing Requirements: A minimum of 90% of the tested sample should fall between the designated sieve sizes. These specifications meet the recommended practices as detailed in ISO 13503-2.

Typical Additional Properties

Roundness	0.9	Chemistry [weight %]	
Sphericity	0.9	Al ₂ O ₃	52
Bulk Density [lb/ft ³]	94	SiO ₂	43
[g/cm ³]	1.50	TiO ₂	1
Apparent Specific Gravity	2.75	Fe ₂ O ₃	3
Absolute Volume [gal/lb]	0.048	Other	1
Solubility in 12/3 HCl/HF Acid [% weight loss]	3.6		