

MaxPROP ISP

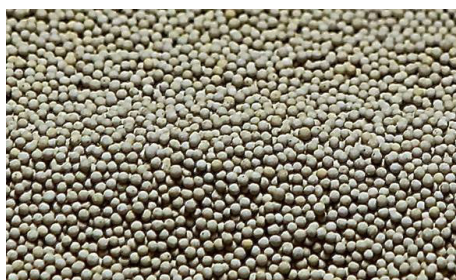
Intermediate-strength ceramic proppant

BENEFITS

- Ensures superior long-term conductivity
- Low-density (LD) proppant improves proppant transport
- Minimizes fines generation

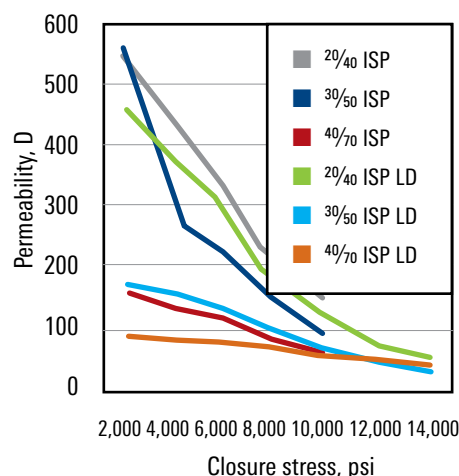
FEATURES

- Consistent performance and quality
- Superior roundness and sphericity
- Availability in all standard mesh sizes

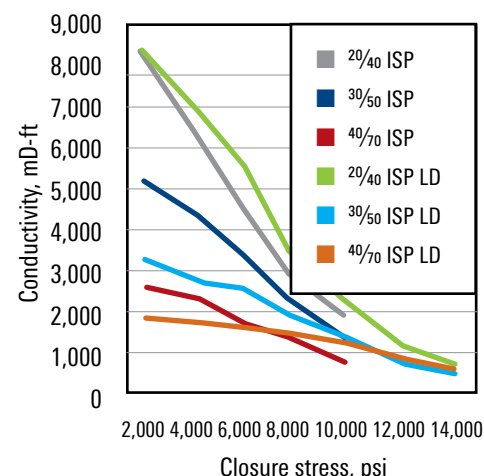


MaxPROP ISP intermediate-strength ceramic proppant.

MaxPROP ISP* intermediate-strength ceramic proppant is manufactured with the highest quality standards to ensure superior, long-term proppant-pack conductivity.



Ensure high permeability for the full range of closure stress.



Ensure high conductivity for the full range of closure stress.

Permeability (D) for 2 lbm/ft², 250 degF, with 2% KCl between Ohio Sandstone[†]

Closure Stress, psi	ISP			ISP LD		
	20/40	30/50	40/70	20/40	30/50	40/70
2,000	558	300	157	455	169	88
4,000	432	266	136	379	152	86
6,000	325	216	115	310	135	82
8,000	227	159	92	196	107	73
10,000	159	98	64	138	75	61
12,000				72	44	46
14,000				50	27	35

[†] ISO 13503-5 "Procedure for measuring the long-term conductivity of proppants"

Crush resistance - % by weight fines generated

Closure Stress, psi	ISP			ISP LD		
	20/40	30/50	40/70	20/40	30/50	40/70
10,000	1.89	2.54	0.9	2.7	2.32	0.8

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Conductivity (mD-ft), 2 lbm/ft ² , 250 degF, with 2% KCl between Ohio Sandstone [†]						
	ISP			ISP LD		
Closure Stress, psi	20/40	30/50	40/70	20/40	30/50	40/70
2,000	8527	5025	2648	8548	3207	1743
4,000	6347	4279	2205	6973	2858	1687
6,000	4551	3369	1790	5579	2523	1604
8,000	2995	2379	1354	3419	1959	1403
10,000	1971	1389	892	2326	1329	1151
12,000				1162	762	852
14,000				776	449	652

[†] ISO 13503-5 "Procedure for measuring the long-term conductivity of proppants"

Physical Properties (averaged)		
	ISP	ISP LD
Roundness	0.79	0.9
Sphericity	0.88	0.9
Bulk density, g/cm ³	1.72	1.53
Specific gravity, g/cm ³	3.24	2.73
Turbidity, NTU	65.5	11
Acid solubility, [‡] %	4.3	4.11

[‡]12:3 HCl:HF solution; 66 degC (150 degF) for 30 min

slb.com/maxprop

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