



Product Specification
Civil Catalogue
DENSO VOID FILLER NO. 3

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PRIMARYLY USED FOR THE FILLING OF VOIDS BETWEEN ANCHOR STRANDS

Description: A semi-solid petrolatum compound specially formulated and blended for warming and pouring into Anchor end caps.

Additives are included to ensure penetration, wetting of all surfaces, displacement of surface dampness and to inhibit corrosion.

The product contains no metallic soaps or volatile components.

PROPERTY	METHOD	REQUIREMENT
** Solids Content		100%
** Ash after ignition @ 600°C		<0.5% m/m
** Base Number		<0.1 mg KOH/g
** Acid Value		<0.1 mg KOH/g
** Saponification Value		<5 mg KOH/g
** Flash Point	Closed Cup	150°C MIN
** Drop Point	ASTM D566	60-75°C
* Unworked Cone Penetration @ 25°C	ASTM D937	80-120 dmm
* Worked Cone Penetration @ 25°C	ASTM D217	200-320 dmm
* Viscosity @ 25°C	Brookfield	>400,000 cps
		<500 cps
** Compatibility with HDPE Duct after 28 days @ 60°C		
Change in dimensions		<2%
Change in hardness		<2%
** Change in Diametric compression Strength of Duct		<5%
*** Stress Cracking with duct compressed by 25% of diameter		None
** Compatibility with		
Copper/Brass }		Protective
Steel }		
Galvanised Steel }		
*** Low Temperature Flexibility		-35°C
*** Maximum Continuous Service Temperature		40°C
*** Application Temperature		70°C to 90°C
*** Proven Performance	Evidence of actual use and satisfactory use for minimum 15 years.	