

Application story


WANNER[™]
HYDRA-CELL[®] PRO
SEAL-LESS PUMP TECHNOLOGIES



Abrasive Resins for Undersea Cable Connectors Moulding

Location	France	Hydra-Cell model	G25XDCTHFEYA
Type of application	Abrasive Resins for Undersea Cable Connectors Moulding	Flow rate	2 kg/min (4.4 lbs/min)
Liquid	Resin Corundum Powder	Pressure	50 - 70 bar (725 - 1000 psi)
Application details	Pumping the viscous, extremely abrasive resins used in the manufacture of connections for undersea cables is a time-critical and potentially costly operation, should the process be interrupted during production of a batch of connectors. Therefore no failure or breakdown of the pumping system must occur. Hydra-Cell pumps, model G25, with cast iron body, Buna XS diaphragms and stainless steel valves and seats, were recommended for the task, running at low speed. The pumps successfully completed 150 hours running during field testing with no unacceptable wear, and during actual manufacture there have been no pump failures or interruptions to production.		
Advantages of Hydra-Cell pump on this application	Reliability in critical production process. Ability to pump viscous (30,000 - 50,000 cps), abrasive liquids without rapid wear.		

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