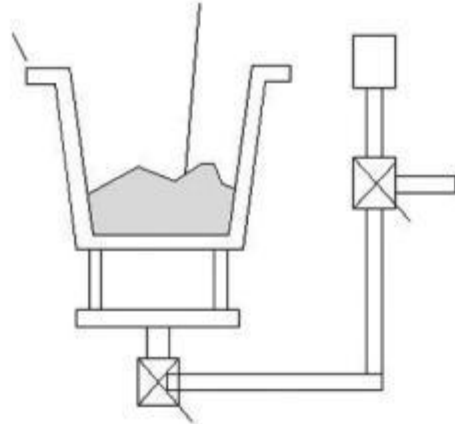


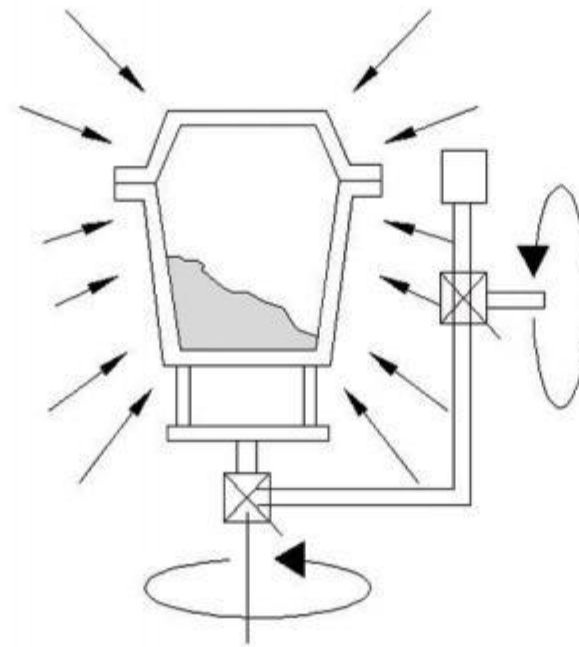
● 滚塑工艺 / ROTOMIZING PROCESS

The Four Principal stages of Rotational Moulding

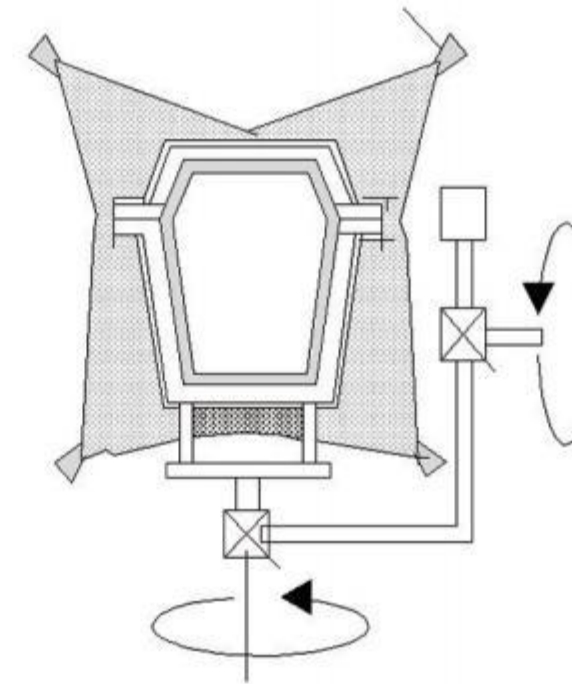
滚塑制造流程



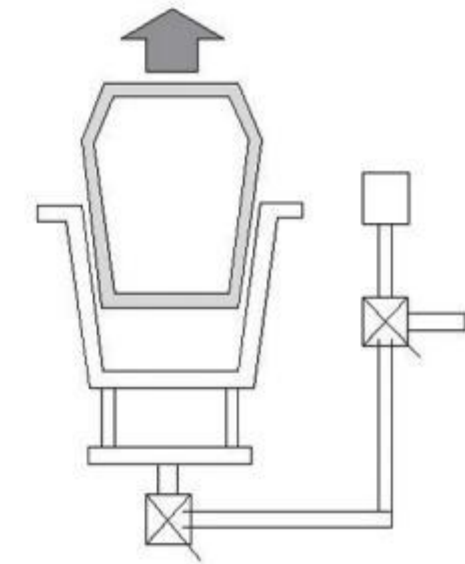
① Charging the Mould
装料



② Heating the Mould
加热



③ Cooling
冷却



④ Demoulding
脱模

滚塑成型是先将颗粒原料加入模具中，然后模具沿两垂直轴不断旋转并使之加热使模内的塑料原料在重力和热能的作用下，逐渐均匀地涂布、熔融粘附于模腔的整个表面上，成型为所需要的形状，再经冷却定型、脱模，最后获得制品。

Rotational molding is to first add plastic raw materials into the mold and then the mold is continuously rotated along two vertical axes and heated, so that the plastic raw materials in the mold are gradually uniformly coated and melted and adhered to the mold under the action of gravity and thermal energy. The entire surface of the cavity is formed into the desired shape, then cooled to shape, demolded, and finally the product is obtained.

● 滚塑原料 / ROTOMIZED MATERIAL

聚乙烯 (PE) 树脂被称为第三代聚乙烯, 除具有一般聚烯烃树脂的性能外, 其抗张强度、抗撕裂强度, 耐环境应力开裂性、耐低温性、耐热性和耐穿刺性尤为优越。

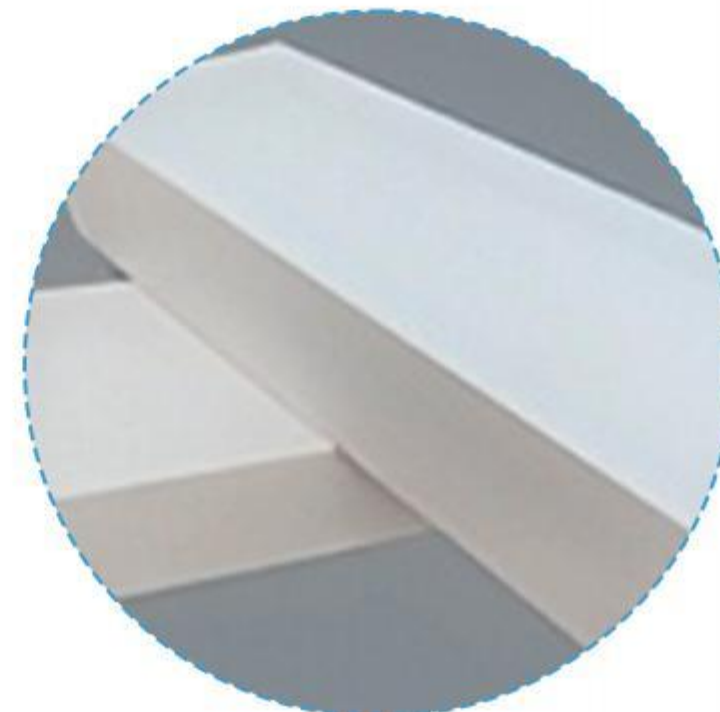
聚氨酯泡沫本身的特点: 轻质、隔热、保温、防水、防火、防腐、耐磨性、耐油性、耐疲劳性、抗震动性及极强粘结力。

PE resin is called the third generation polyethylene. In addition to properties of general polyolefin resins, its tensile strength, tear strength, environmental stress crack resistance, low temperature resistance, heat resistance. The performance and puncture resistance are particularly superior.

The characteristics of polyurethane foam itself: light weight, heat insulation, heat preservation, waterproof, fire and corrosion resistance, abrasion resistance, oil resistance, fatigue resistance, vibration resistance and strong adhesion.



PE



PU

● 产品介绍 Product Introduction



管道浮体是疏浚工程重要的组件之一，正确选择浮体型号的关键因素包括浮筒的排列布局，输送介质的构成，管线的长度等，从而计算出准确的浮体尺寸、壁厚，再配以优质的选材以及内部发泡的填充，以确保疏浚管道的安全可靠运行。

The pipeline float is one of the important components of the dredging project. The key factors for correctly selecting the floater model include the arrangement and layout of the floater, the composition of the conveying medium, the length of the pipeline, etc., so as to calculate the accurate floater size and wall thickness, coupled with high-quality material selection and internal foam filling to ensure dredging Safe and reliable operation of pipelines.

● 聚乙烯浮体 Product introduction Floater

项目 project	外壳性能指标 Shell performance index	项目 project	内部性能指标 Internal performance indicators
拉伸强度 Tensile Strength	>13.1Mpa	吸水率 water absorption	< 2kg/m ³
断裂伸长率 Elongation at break	11.1%	断裂强度 Breaking strength	0.08-0.18Mpa
冲击强度 Impact strength	>32.4KJ/ m ²	断裂伸长率 Elongation at break	4-6%
弯曲强度 Bending strength	>15.7Mpa	压缩强度 compressive strength	0.16-0.24Mpa
尺寸及重量公差 specific gravity	±5%	耐热温度 heat resistant temperature	-60°C- + 120°C

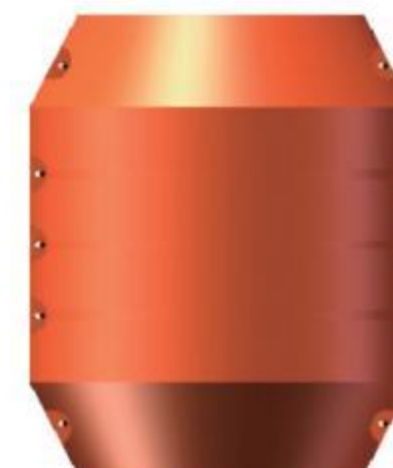
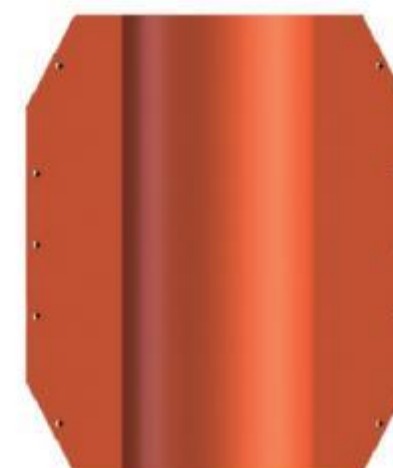
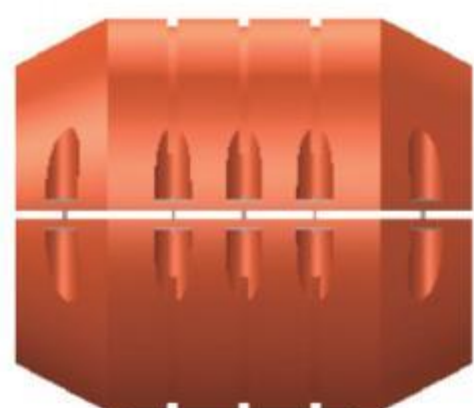
● 规格型号 SPECIFICATIONS MODELS

Pipe Floats/ 管道浮筒					
规格 Model	内径 ID(mm)	外径 OD(mm)	长度 L(mm)	壁厚 Thickness(mm)	净浮力 Bouyancy(kg)
FT500*800	160/220	500	800	5	240
FT700*900	280/360	700	900	5	450
FT800*1000	315	800	1000	6	550
FT1000*1000	325/350	1000	1000	6	650
FT1100*1100	380/400	1100	1100	6	850
FT1200*1200	430/450/500	1200	1200	7	1200
FT1300*1300	480/500/560	1300	1300	7	1500
FT1300*1500	530/560/630/610/660	1300	1500	8	1700
FT1400*1500	560	1400	1500	8	1900
FT1400*1600	630	1400	1600	8	2100
FT1500*1850	650/670/680/720	1500	1850	9	2500

产品持续更新，规格表仅供参考，如需准确的规格表，请与我公司销售人员联系。

● 聚乙烯浮体 Product introduction Floater

Pipe Floats/ 管道浮筒					
规格 Model	内径 ID(mm)	外径 OD(mm)	长度 L(mm)	壁厚 Thickness(mm)	净浮力 Bouyancy(kg)
FT1600*1900	730	1600	1900	9	2900
FT1700*2000	780/810	1700	2000	9	2900
FT1850*2100	840	1850	2100	10	3400
FT2000*2400	900	2000	2400	12	4800
FT2100*2500	950/1050	2100	2500	12	5000



Product continuous update, specifications table for reference only, please contact our sales staff to get accurate specification.