

BULK FILLINGS

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PP BULK FILLING ELEMENTS OBTAINED THROUGH INJECTION MOULDING. IT WAS DESIGNED AS A SURFACE FOR THE PROLIFERATION OF BACTERIA (BIOFILM) IN WASTEWATER TREATMENT WITH ADHERED BIOMASSES, SUCH AS PERCOLATING BEDS.



RAW MATERIAL: REGENERATED ISOTACTIC PP

COLOUR: BLACK
COMPRESSION LIMIT LOAD: 4 Kn

COMPRESSIVE STRENGTH: 380 kg/cm²
WATER ABSORPTION: <0.02%

PRODUCT CODE	PRICE (€)	HEIGHT (mm)	DIAMETER (mm)	SPECIFIC SURFACE (m ² /m ³)	VACUUM INDEX (%)	DRY WEIGHT (kg/m ³)	OPERATING WEIGHT (kg/m ³)
CRSF25PHD	a.r.	1200	300	301	96	45	340

DIFFERENT DIMENSIONS OR VERSIONS ARE AVAILABLE ON REQUEST

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BULK FILLING ELEMENTS THAT ARE OBTAINED THROUGH THERMOPLASTIC MOULDING AND MAY BE MADE IN DIFFERENT MATERIALS, INCLUDING PVC, PP AND WITH SPECIAL TECHNOPOLYMERS ON REQUEST. THE POSSIBILITY OF USING DIFFERENT MATERIALS ALLOWS THE USE OF DIFFERENT OPERATING TEMPERATURES AND ADAPTATION TO SPECIFIC CHEMICAL AGENTS TO BE TREATED.



RAW MATERIAL: VIRGIN NON-REGENERATED PP

OPERATING TEMPERATURE: 113°C
MELTING POINT: 155°C

COMPRESSIVE STRENGTH: 380 kg/cm²
WATER ABSORPTION: <0.02%

RAW MATERIAL: REGENERATED PVC

OPERATING TEMPERATURE: 50°C
MELTING POINT: 80°C

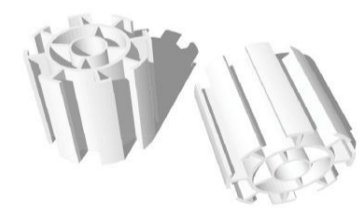
COMPRESSIVE STRENGTH: 600 kg/cm²
WATER ABSORPTION: <0.04%

PRODUCT CODE	PRICE (€)	HEIGHT (mm)	DIAMETER (mm)	SPECIFIC SURFACE (m ² /m ³)	PIECES (N°/m ³)	VACUUM INDEX (%)	WEIGHT (kg/m ³)	
							PP	PVC
CR1515	a.r.	15	15	348	235000	91	110,7	200
CR2626	a.r.	26	26	245	45600	93	87,8	160
CR3838	a.r.	38	38	143	15000	94	82	140
CR5050	a.r.	50	50	114	6400	94	60	130
CR9090	a.r.	90	90	82	1180	96	60	130

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FILLING ELEMENTS ALSO KNOWN AS CARRIERS, SUITABLE FOR ADHERED BIOMASS SYSTEMS OF SUBMERGED, FIXED OR SUSPENDED TYPE. THEY ARE CYLINDRICAL; THE DESIGN HAS BEEN SPECIALLY DEVELOPED TO MAXIMIZE AND TO PROTECT THE USEFUL SURFACE FOR BIOFILM GROWTH. THEY ARE MADE OF POLYETHYLENE OR POLYPROPYLENE.



RAW MATERIAL: NON-REGENERATED PP

SPECIFIC WEIGHT: 0,95 kg/dm³

RAW MATERIAL: PE

PESO WEIGHT: 0,96 kg/dm³

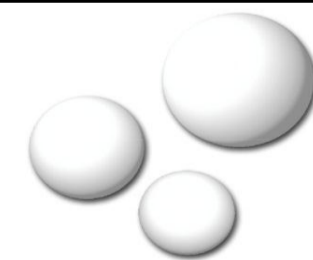
COLOUR: TRANSLUCENT WHITE

PRODUCT CODE	PREZZO (€)	HEIGHT (mm)	DIAMETER (mm)	SPECIFIC SURFACE (m ² /m ³)	SPECIFIC USEFUL SURFACE (m ² /m ³)
CRB1515	a.r.	15	15	610	513
CRB1517	a.r.	15	17	543	325

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CRSF

HOLLOW SPHERES OF DIFFERENT SIZES MADE IN PE. THE AVERAGE DENSITY OF THE SPHERES ALLOWS A PERFECT FLOATING ON LIQUIDS. THE WALL THICKNESS IS SIZED TO WITHSTAND REMARKABLE STRESS, BOTH WHEN VACUUM OR UNDER PRESSURE.



RAW MATERIAL: PE

MAXIMUM OPERATING TEMPERATURE: 100°C

MELTING POINT: 126°C
AVERAGE DENSITY: 0,95 g/cm³

WATER ABSORPTION: <0,05%
AVERAGE DENSITY OF SPHERES: 0,10 g/cm³

PRODUCT CODE	PRICE (€)	HEIGHT (mm)	DIAMETER (mm)	PIECES (N°/m ³)	PIECES (N°/m ²)	WEIGHT (kg/m ³)
CRSF25PHD	a.r.	25	25	72000	1800	105
CRSF38PHD	a.r.	38	38	25000	800	115
CRSF45PHD	a.r.	45	45	13000	560	98

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