

RML ITALIA

KCSN
HPSN

**LOW PRESSURE
DIE-CASTING
STALK TUBES**



RML ITALIA s.r.l.
Via Trana, 14
10138 Torino (Italia)
tel. +39 011 4336594
fax +39 011 4474328
info@rml-italia.it
www.rml-italia.it


LAMCA-LMT®
A LICENSED MARK TO RML ITALIA

| features | unit | HPSN | KCSN | Al2TiO5 | IRON |
|--|----------------------|------|------|---------|---------|
| APPARENT DENSITY | kg/dm ³ | 3.4 | 3.3 | 3.3 | 7.2-7.8 |
| POROSITY | Vol % | 0 | 0 | 12.5 | 0-1 |
| FLEXURAL STRENGTH (3 point bend test) | MPa | 730 | 1020 | 600 | <100 |
| YOUNG MODULE | GPa | 290 | 300 | 20 | 100 |
| COEFFICIENT OF LINEAR THERMAL EXPANSION | 10 ⁻⁶ /°C | 3.2 | 2.8 | 2 | 16 |
| THERMAL CONDUCTIVITY (@20°C) | W/(m · k) | 25 | 27 | 2 | 54 |
| THERMAL SHOCK RESISTANCE (water immersion) | Δ°C | 550 | >800 | 700 | - |

The state-of-art of ceramic materials, lightweight and exceptionally resistant to mechanical stress, vibrations and thermal shock, no porosity, no wettability by molten aluminium, no erosion, no contaminants release, no need for coating or non-stick surface treatment, no long preheating required.

These items offer unequalled performances and operating lifetime, with very limited need for tubes removal for cleaning purposes or filters replacement, with great competitive advantages and cost-saving.

The first choice by the most qualified equipment manufacturers and specialized end-users.

