

OPTA DV & TM SERIES



RICE HULL ALTERNATIVE SLAG CONDITIONER

OPTA offers two versatile lines of slag condition solutions: the DV Series, a completely rice hull-free solution and the TM Series, which provides a partial rice hull replacement. Both are engineered for outstanding performance in billet and boom casting operations.

These adaptable fluxes can also be applied in a range of metallurgical scenarios, enabling precise fine-tuning of the slag environment and meeting the rigorous demands of high-spec applications.

DV SERIES Rice Hull-Free

TM SERIES Partial Rice Hull Replacement

Temperature (°C)	1300	1400	1500	1200	1250	1300
Melt Behavior Description	Light surface melting, granular texture remains	Moderate melting with glassy patches	High melting uniform and glassy	Fragmented melt, uneven distribution of dark material	Increased glass formation, some dark clumps remain	Mostly continuous melt with minimal unmelting regions
Estimated Melt (%)	25	60	90	30	55	75

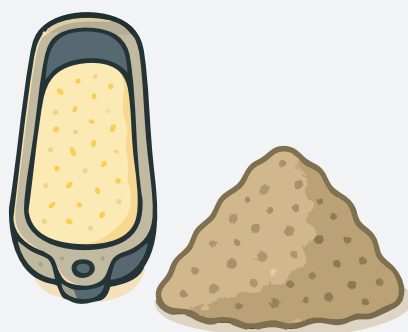
FULLY CUSTOMIZABLE RANGES

DV SERIES

CaO	1-20%
SiO ₂	40-80%
Al ₂ O ₃	4-15%
MgO	2-11%
C	2-30%

TM SERIES

CaO	1-20%
SiO ₂	30-60%
Al ₂ O ₃	3-10%
MgO	2-9%
C	5-35%



ADVANTAGES

- Enhanced thermal insulation
- Improved slag control
- Cleaner and safer operations
- Consistent performance
- Lower environmental footprint

Partner with our technical team and leverage our deep industry expertise, cutting-edge technology and advanced technical services. We can tailor a solution to meet your specific process and quality requirements.

Optimal performance from tap to cast.

SCAN
HERE

