

ProductAgent RAG Sample - Catalog Policy

Purpose and target agent

This sample PDF is designed for ProductAgent. It contains product catalog guidance, recommendation boundaries and examples for RAG tests.

Agent	product_agent
Primary tool examples	consultar_producto, buscar_productos_similares
Recommended namespace	product_agent or default
Core objective	Help the user understand product details without inventing stock or price

Product recommendation policy

The ProductAgent may recommend products only when the available catalog or tool result contains enough evidence. If price, stock or warranty data is missing, the agent should state that the information is not available instead of creating a value.

- Use product_id or sku from BusinessContext.resource_key when available.
- Use customer_key only for personalization when the user context allows it.
- Do not recommend restricted, unsafe or unavailable items.
- For comparison questions, explain trade-offs such as price, warranty, stock, size and compatibility.

Sample catalog entries

SKU	Description
BOOK-AI-101	Introduction to AI Agents, paperback, 320 pages
ACC-USB-C-HUB	USB-C hub with HDMI, Ethernet and power delivery
PLAN-PREMIUM-SUPPORT	Premium support add-on with priority response

The catalog entries above are intentionally simple and synthetic. They are useful for testing whether RAG can retrieve specific SKU names and descriptions.

Recommended retrieval validation questions

- Which SKU represents the AI Agents book?
- Can product_agent invent a price if the catalog has no price?
- What field should be used for product_id when available?
- What trade-offs should be explained in product comparison?